DOCUMENT RESUME

ED 076 111 HE 004 007

AUTHOR	Parkhurst, Nelson M.; Suddarth, Betty
TITLE	Potential Enrollment for Indiana Colleges and Universities 1968 to 1985.
INSTITUTION	Indiana Advisory Commission on Academic Facilities, Bloomington.
SPONS AGENCY	Office of Education (DHEW), Washington, D.C.
REPORT NO	CSR-2
PUB DATE	68
NOTE	87p.; The second segment of the first part of the Indiana Education Facilities Comprehensive Planning Study, 1968
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	*Educational Facilities; *Educational Planning; *Enrollment Projections; Enrollment Rate; Enrollment Trends; *Higher Education; Population Distribution; Population Growth; Population Trends; Post Secondary Education; Research Projects; *Space Utilization
IDENTIFIERS	*Indiana

ABSTRACT

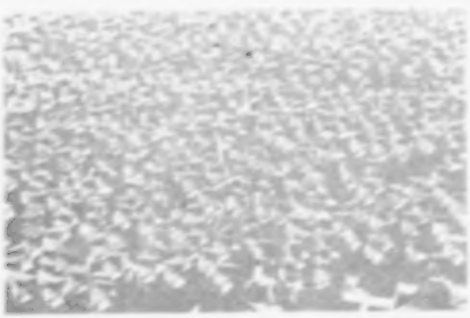
This report, the second segment of the first phase of the Indiana Education Facilities Comprehensive Planning Study, reviews the area of enrollment projections and facilities inventory-space utilization analysis for 1968 through 1985. Chapters cover introductory material, population data for Indiana, college enrollment in Indiana, and projections for enrollment. Appendices include births by geographic area, mathematical equations, and Indiana colleges and universities by size of undergraduate enrollment for September 1967. (Related documents are HE 004 008, HE 004 005, and HE 004 047.) (MJM)

ED 076111

Higher Education in Indiana

Needs and Resources 1968-1985 Current Status Report

ENROLLMENT PROJECTIONS



Indiana Advisory Commission on Academic Facilities

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY

FILMED FROM BEST AVAILABLE COPY

INDIANA CONFERENCE ON HIGHER EDUCATION

Needs and Resources Committee, 1967-68

LAMBERT BOLLING, *Chairman*
President, Earlham College

CHARLES BANET, *President,*
St. Joseph's College

ISAAC K. BECKES, *President,*
Vincennes University

JOHN EMENS, *President,*
Ball State University

LYND ESCH, *President,*
Indiana Central College

FREDRIC M. HADLEY, *President,*
Indiana Vocational Technical College

FRED HOVE, *President,*
Purdue University

O. P. KRETZMANN, *President,*
Valparaiso University

ALAN C. RANKIN, *President,*
Indiana State University

ROBERT REARDON, *President,*
Anderson College

ELVIS STAHR, *President,*
Indiana University

INDIANA ADVISORY COMMISSION ON ACADEMIC FACILITIES

Indiana University, Bloomington, Indiana

R. E. MASTERS, *Executive Secretary*

HERMAN B WELLS, *Chairman*
Bloomington

A. F. SCRIBNER, *Secretary*
Valparaiso

JAMES D. ACHER
Franklin

WILLIAM A. BRENNAN
Indianapolis

ALAN BRENTANO
Evansville

GEORGE S. DIENER
Indianapolis

JAMES EDGETT
Fort Wayne

FLOYD HINES
Connersville

MRS. RICHARD INGREEP
Fort Wayne

J. KURT MAHRDT
Indianapolis

BORDEN PURCELL
Indianapolis

GLENN W. SAMPLE
Indianapolis

MRS. GEORGE N. SHUSTER
South Bend

RICHARD B. STONER
Columbus

J. RALPH THOMPSON
Seymour

MAX WRIGHT
Beech Grove

INDIANA HIGHER EDUCATION FACILITIES COMPREHENSIVE PLANNING STUDY

1967-68 Study Staff

CHARLES F. BONSER, *Study Director*

JAMES F. BLAKESLEY, *Associate Director—Space Studies*

Contributing Authors

PAUL C. BAYLESS
CURTIS L. BOSTON
M. M. CHAMBERS
RALEIGH HOLMSTEDT
HARRY LINCOLN KEITH
PATRICIA L. NACHT
NELSON PARKHURST
W. CHARLES SHERWOOD
MRS. BETTY SUDBRATH
FREDERICK H. WOLF

Research Assistants

NANCY BEELER, WILLIAM S. DUNN, CHARLES B. HATCHER, JAMES LORD, JAMES R. MARSHALL, C. MICHAEL MATTHEWS, GEORGE E. MORGAN, BRUCE PETERS, GREGORY L. SOLOMON, EDANN SOUD, BARBARA C. THATCHER

Typists

MARY ALICE COLE, JEANNE JONES, MARSHA RINALDI

ELIZABETH S. SNIVELY, *Copy Editor*

ED 076111

POTENTIAL ENROLLMENT

for

INDIANA COLLEGES AND UNIVERSITIES

1968 to 1985

by
Nelson M. Parkhurst
Registrar, Purdue University

and

Betty Suddarth
Research Associate, Purdue University

Prepared for
THE INDIANA ADVISORY COMMISSION ON ACADEMIC FACILITIES
in cooperation with
THE INDIANA CONFERENCE OF HIGHER EDUCATION
1968

FOREWORD

This report represents one segment of the first phase of the Indiana Higher Education Facilities Comprehensive Planning Study that was begun in the summer of 1967 under the sponsorship of the Indiana Advisory Commission on Academic Facilities. Funds for the project were made available to the commission by the U.S. Office of Education under the Higher Education Facilities Act of 1963 (P.L. 88-204). Cooperating in the study with the advisory commission is the Indiana Conference on Higher Education, a voluntary organization of thirty-eight Indiana colleges and universities. The Needs and Resources Committee of the Indiana Conference worked with the study director in developing the scope and outline of the study.

This study has two primary objectives. First, we hope to develop a detailed look at the future needs and expected resources of the institutions of higher education in Indiana and the likely impact of various alternative policy actions. We will attempt to present this information in a form that will be useful in the planning processes of the Indiana Conference on Higher Education, the Advisory Commission on Academic Facilities, the U.S. Office of Education, and the Indiana General Assembly. Secondly, we have designed the study to facilitate its utilization by the individual institutions of higher learning in the state. Although the published reports from the project will deal only with groups of institutions or statewide totals, we will also supply each institution cooperating in the study with detailed confidential information about its own institution. This has already been done in the areas of enrollment projections and

facilities inventory-space utilization analysis, and the approach will be continued in the remaining phases of the study. These data will allow each institution to see how it compares with the statewide findings and should also further its data base development and planning efforts.

The general research design of the over-all study is presented in an outline-flow chart form. During this first year of the study, the focus has been mainly on the development of a comprehensive survey of the current scale and composition of higher education in Indiana. This phase is culminated with the publication of six "current status" reports. These are based on surveys conducted during the 1967-68 academic year and cover facilities inventory-space utilization, programs and faculty and staff, finances, student migration patterns, and preliminary projections of student enrollments. The sixth report summarizes the findings and implications of the surveys.

The second year of the study will be devoted to the long-run forecast of needs and resources. Special studies will be conducted of future space needs, the composition of the future demand for higher education, future faculty and staff needs, and expected revenues. In addition, a simulation model of Indiana higher education will be constructed that will allow us to test the impact of alternative assumptions about future growth patterns in higher education in the state. For instance, we will be able to assess the needs and resources effects of such factors as alternative faculty salary assumptions, changes in the demand for various types of academic programs, and alternative allocations of enrollments between private and public institutions.

Our study obviously could not be successful without the fullest cooperation of the institutions involved. To say that this cooperation has been superb would be an understatement. The schools committed themselves to the project in the summer of 1967 and held to that committment throughout the year. They not only allowed the study staff access to their records, but they also assumed the responsibility of developing much of the raw data. We know this was a particular imposition on their limited time and staff resources in many cases, and we can only hope that their efforts will prove beneficial to the long-run development of higher education in the state.

Finally, a special word of thanks is in order to the Graduate School of Business and the Bureau of Business Research at Indiana University. Although the study is not an official Bureau project, the School of Business has released part of my time to serve as study director for the project, and the study has been housed in and received the support of the Bureau of Business Research. Without the advice and assistance of the Bureau staff, logistical and research support problems would have been much more difficult.

Charles F. Bonser
Study Director
Associate Director, Bureau of Business Research
Graduate School of Business
Indiana University

1967
July

1968
Jan

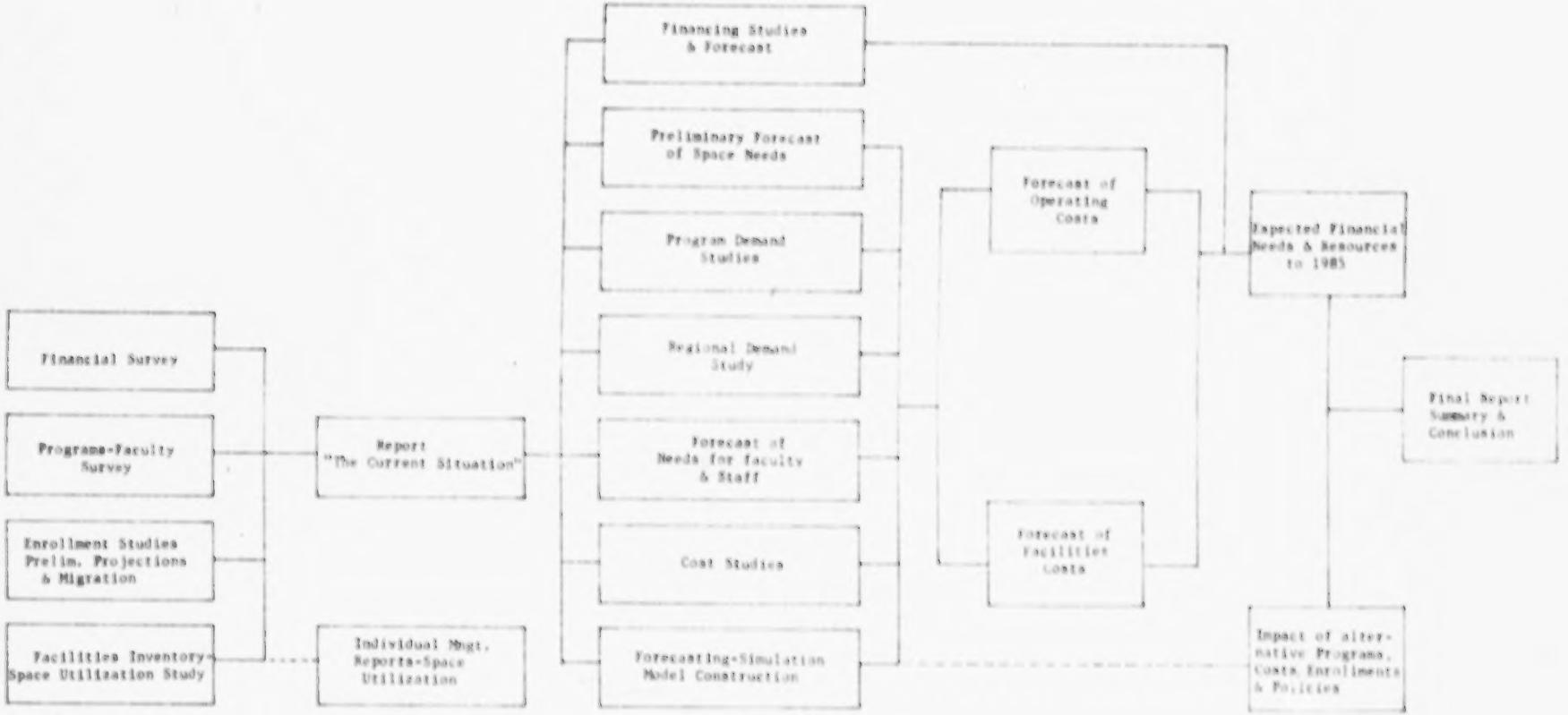
July

1969
Jan.

July

PROPOSED WORK SCHEDULE

INDIANA HIGHER EDUCATION FACILITIES STUDY


Financing Studies & Forecast
Preliminary Forecast of Space Needs
Program Demand Studies
Regional Demand Study
Forecast of Needs for Faculty & Staff
Cost Studies
Forecasting-Simulation Model Construction
Forecast of Operating Costs
Forecast of Facilities Costs
Expected Financial Needs & Resources to 1985
Impact of alternative Programs, Costs Enrollments & Policies
Final Report Summary & Conclusion
Financial Survey
Programs-Faculty Survey
Enrollment Studies Prelim. Projections & Migration
Facilities Inventory Space Utilization Study
Report "The Current Situation"
Individual Mngt. Reports-Space Utilization

PREFACE

In the spring of 1967 the Indiana Conference of Higher Education, in cooperation with the Indiana Advisory Commission on Academic Facilities, agreed to a comprehensive planning study to determine the future needs of higher education in Indiana. Estimates of future enrollments are an integral part of that plan, and the present study is submitted to supply these estimates.

This study was made possible through the cooperation of many people. The following institutions participated in the study and supplied the basic enrollment data through their registrars.

Ancilla Domini
Anderson College
Ball State University
Bethel College, Inc.
Butler University
Christian Theological Seminary
Concordia Senior College
DePauw University
Earlham College
University of Evansville
Fort Wayne Bible School
Frankfort Pilgrim College
Franklin College of Indiana
Goshen College
Hanover College
Huntington College
Indiana Central College
Indiana State University
Indiana Institute of Technology
Indiana University
John Herron Art School
Manchester College
Marian College
Marion College
University of Notre Dame
Oakland City College
Purdue University
Rose Polytechnic Institute
St. Benedict College
St. Francis College
St. Joseph's College
St. Mary-of-the-Woods
St. Mary's College
St. Meinrad Seminary
Taylor University
Tri-State College
Valparaiso University
Vincennes University
Wabash College

Basic data concerning births and deaths in Indiana were supplied by the Indiana State Board of Health. The task of tabulation and computation was simplified by use of the facilities of the computing center at Purdue

University. Programming assistance provided by Professor John Moser was invaluable. The authors gratefully acknowledge the cooperation and assistance of all those who made this study possible.

HIGHLIGHTS

POPULATION DATA FOR INDIANA

The population trends of Indiana have followed closely those of the United States. Indiana constituted 2.6 percent of the U.S. total population from 1930 to 1965.

In 1977 Indiana college-age population will peak at 429,000 (an increase of 79,000 since 1967). In 1985 the college-age population will have decreased to 371,000, the estimated amount for 1970.

COLLEGE ENROLLMENT IN INDIANA

In the past 13 years the number of Indiana students attending Indiana institutions has nearly doubled.

Indiana undergraduate enrollment increased 154 percent from 1950 to 1967, and graduate enrollment increased 228 percent during the same period of time.

PROJECTIONS OF ENROLLMENTS IN INDIANA

It is expected that the percentage of total undergraduate students in public institutions of higher education will increase from 63 percent in 1967 to approximately 65 percent in 1985.

Enrollment in public institutions should increase to 100,000 in 1985, and regional campuses should expect an enrollment of 39,000 (an increase of one percentage point).

A trend for more women to seek higher education has been noted.

From 1951 to 1967 graduate enrollment has increased 4 times (from 7,400 to 29,000) and could increase an additional 2 1/3 times (to 65,000) by 1985

TABLE OF CONTENTS

Page

Foreward i

Preface v

Highlights vii

List of Tables ix

List of Figures xi

Chapter I Introduction 1

Chapter II Population Data for Indiana 4

Chapter III College Enrollment in Indiana 16

Chapter IV Projections of Enrollments in Indiana. 23

Appendix A Births by Geographic Area 53

Appendix B Mathematical Techniques and Equations. 70

Appendix C Indiana Colleges and Universities by Size of Undergraduate Enrollment for September 1967 72

LIST OF TABLES

Table		Page
1	Population in Indiana Compared with Population in the United States	7
2	Births in Indiana Compared with Births in the United States	9
3	Live Births in Indiana	11
4	Estimated Number of Persons Living to 18, 19, 20, and 21 Years of Age for Indiana	13
5	Estimated College-Age Population in Indiana	14
6	Total Enrollment for Indiana Colleges and Universities	18
7	Total Enrollment for Indiana Public Colleges and Universities	19
8	Total Enrollment for Indiana Private Colleges and Universities	20
9	Undergraduate Enrollment for Indiana Colleges and Universities Expressed as Percentage of 18-21 Age Group	29
10	Percentage of Undergraduate Enrollment for Indiana Colleges and Universities by Classes	30
11	Estimate of Future Enrollment in Indiana Colleges and Universities Applying Class Percentages to Predicted Total Undergraduates (UPM-1)	31
12	Number of Freshmen in Indiana Colleges and Universities Expressed as a Percentage of 18-Year-Olds	32
13	Advancement Ratios for Undergraduate Enrollment, Indiana Colleges and Universities	33
14	Estimate of Future Enrollment in Indiana Colleges and Universities Using Advancement Ratios on Predicted Number of Freshmen (UPM-2)	34

LIST OF TABLES (Cont.)

Table		Page
15	Estimate of Future Enrollment in Indiana Colleges and Universities Applying Class Percentages to Predicted Total Undergraduates (UPM-3)	35
16	Estimate of Future Enrollment in Indiana Colleges and Universities Using Advancement Ratios on Predicted Number of Freshmen (UPM-4)	36
17	Undergraduate Enrollment in Indiana Colleges and Universities by Public and Private Institutions	38
18	Estimate of Undergraduate Enrollment in Indiana Colleges and Universities by Public and Private Institutions (Model P-1)	39
19	Estimate of Undergraduate Enrollment in Indiana Colleges and Universities by Public and Private Institutions (Model P-2)	40
20	Undergraduate Enrollment in Indiana Colleges and Universities by Size Category as of September, 1967	41
21	Estimate of Undergraduate Enrollment in Indiana Colleges and Universities by Size Category as of September, 1967 (Model S-1)	42
22	Estimate of Undergraduate Enrollment in Indiana Colleges and Universities by Size Category as of September, 1967 (Model S-2)	43
23	Male and Female Enrollment in Indiana Colleges and Universities	45
24	Estimate of Male and Female Enrollment in Indiana Colleges and Universities	46
25	Graduate Students Expressed as a Percentage of Freshmen for Same Year Plus Seniors for Previous Year in Indiana Colleges and Universities	50
26	Estimated Graduate School Enrollment for Indiana Colleges and Universities Based on Percentage of Freshmen Plus Seniors	51

LIST OF FIGURES

Figure		Page
1	Indiana Undergraduate Enrollment	3
2	Total Population in Indiana Compared with Total Population in the United States	8
3	Births in Indiana Compared with Births in the United States	10
4	Births and Deaths in Indiana	12
5	Estimated College-Age Population in Indiana	15
6	Geographic Distribution of Undergraduate Students in Indiana Colleges and Universities by Counties in Indiana for Fall Semester, 1967-68	21
7	Geographic Distribution of Undergraduate Students in Indiana Colleges and Universities by States for Fall Semester, 1967-68	22
8	Undergraduate Enrollment in Indiana Colleges and Universities by Public and Private Institutions	37
9	Undergraduate Enrollment in Indiana Colleges and Universities by Size Category as of September, 1967	44
10	Indiana Graduate Enrollment	52

I. INTRODUCTION

In order to plan future programs and facilities for higher education in Indiana, a study of future college and university enrollment for the state is essential. This study, undertaken for the Indiana Advisory Commission on Academic Facilities in cooperation with the Indiana Conference of Higher Education, was designed to provide potential enrollment data for Indiana colleges and universities. Data concerning the total population, births, and college enrollments of the State of Indiana were obtained.

Various analyses, all based on scientific procedures, might have been used to obtain enrollment projections through 1985. Any method of analysis must be based on fundamental assumptions, which depend upon the judgment of the individual making them.

One of the first decisions made was the selection of the base period to be used. The base period influences the prediction. Its selection is a matter of judgment and also depends on availability of data. For this study birth figures from 1929 through 1967 were used. College and university enrollments from 1950 to 1967 were selected. This period was chosen because of the relative stability of the base period and because enrollment figures for that period were regularly reported to the Indiana Association of Collegiate Registrars and Admissions Officers on an official basis.

An earlier enrollment study in 1955[1] utilized several mathematical models. Experience has shown since that time that a linear projection of college enrollments expressed as percentages of the appropriate age groups provided an adequate and reliable estimate. For example, the linear model based on eighteen- to twenty-one-year-olds, Model C_1,[2] in the 1955 study predicted that 120,931 undergraduate students, excluding special and other students, would attend Indiana colleges and universities in 1967-68. The actual 1967-68 undergraduate enrollment, excluding special and other students, was 125,569. This represents less than a 4 percent error in the 1955 prediction. Because of the demonstrated accuracy of this type model, it was the only one used in the present study. Four different estimates of undergraduate enrollment in Indiana were made using this basic model (Figure 1). Two were based on past undergraduate enrollments for the state, and two were obtained by estimating enrollments for each individual college within the state and by summing these to obtain the total for the state.

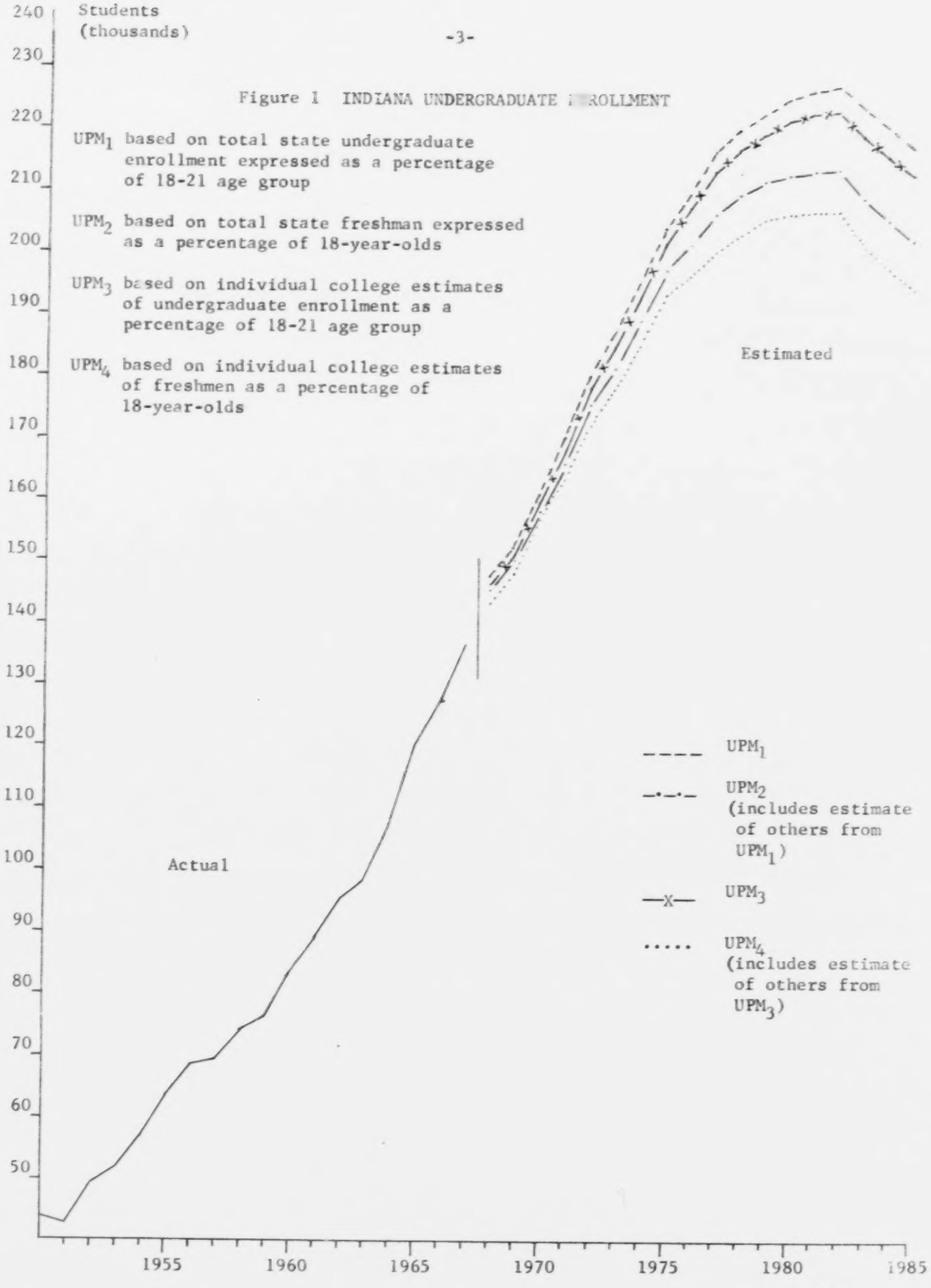
Individual college estimates, while not reported in this study, were made available to the president of each institution. Any prediction for individual institutions can be valid only insofar as the particular institution follows the linear trend used in the model, and for a given school this may or may not be true.

---

[1] N. M. Parkhurst and Betty Suddarth, Potential Enrollment for Indiana Colleges and Universities, 1955 to 1972.

[2] Potential Enrollment for Indiana Colleges and Universities, 1955 to 1972, p. 42.

Figure 1 INDIANA UNDERGRADUATE ENROLLMENT



II. POPULATION DATA FOR INDIANA

Indiana's population trends have closely followed those of the United States for many years. For the period used in the present study, 1930 to 1965, the total population of Indiana has represented about 2.6 percent of the total U.S. population (Table 1, Figure 2), and there has been a slight decrease in this percentage in the last few years. In addition, during the same period of time, Indiana has accounted for approximately 2.6 percent of all the births in the United States (Table 2, Figure 3).

Since Indiana and the United States are following similar population and birth trends, it is appropriate to use Indiana birth data to predict college enrollments even though many of the college students are not residents of Indiana. It was necessary to obtain the most accurate Indiana birth figures for the state in order to predict college-age populations. The Indiana State Board of Health has provided information concerning births and deaths in Indiana for each year from 1928 to 1967 (Table 3, Figure 4). Also, a tabulation of births for each of the 92 counties of Indiana from 1900 to 1965 has been included as Appendix A. County information may prove helpful for individual colleges drawing from specific areas.

Birth registration completeness checks made in 1940 and 1950 indicated that it was advisable to correct the number of births for under-registration. The check in 1940 showed a 96.5 percent completeness in Indiana, and for 1950 the percent was 99 percent. It was assumed that the improved registration was a linear function passing through the points 96.5 percent in 1940 and 99 percent in 1950. From this function, an estimated percentage of completeness was obtained for each year from

1928 to 1950. It was further assumed that the percentage completeness would not exceed 99 percent, and, therefore, this percentage was used for all years after 1950 (Table 3).

Estimates of the number of eighteen-, nineteen-, twenty-, and twenty-one-year-olds were obtained by applying mortality rates to the corrected births for each year from 1928 to 1967 (Table 4). For the purpose of estimating total undergraduate enrollments, the total eighteen- to twenty-one-year-old age group was obtained for the period 1950 to 1985 (Table 5, Figure 5). The mortality estimates were based on mortality tables that are several years old, and since the life span is increasing, the estimates are probably conservative. In addition, migration was disregarded. A check against State Board of Health population projections that included a migration factor indicated that the college-age populations in Table 5 were about 5 percent less than the State Board projections for 1980. Consequently, it appeared that these college-age estimates were adequate for prediction purposes. It can be seen from Table 5 that the peak population occurs in 1977 when college-age population will be nearly 79,000 more than in 1967. Because of the decreasing number of births from 1961 to the present, the college-age population will decline from nearly 429,000 in 1977 to 371,000 in 1985. The college-age population in 1985 will be about the same as it will be in 1970.

It has been shown in two reports, Residence and Migration of College Students 1949-1950 (Federal Security Agency, U.S. Office of Education) and Home State and Migration of American College Students, 1958 (American Association of Collegiate Registrars and Admissions Officers), that

Indiana has a net in-migration of students. Since it would be difficult to obtain each state's college-age population and to get historical residence patterns from the Indiana colleges, only U.S. population figures could be used if residence is to be considered. However, as previously shown, Indiana reflects the same population trends as the United States. Consequently, it was assumed that Indiana college-age populations could be used in the same manner as U.S. college-age populations. In addition, the assumptions were made that past resident and nonresident trends would continue into the future and that if this relationship changes, the reciprocal nature of nonresident enrollment in the various states would cause the nonresident student to be replaced by a resident student.

Table 1 POPULATION IN INDIANA COMPARED WITH POPULATION IN THE UNITED STATES* (1930-65)

Year	Population in Indiana	Population in United States	Population in Indiana as Percentage of U.S. Population
1930	3,242,763	123,076,741	2.63%
31	3,265,562	124,039,648	2.63
32	3,295,330	124,840,471	2.64
33	3,322,171	125,578,763	2.65
34	3,338,724	126,373,773	2.64
1935	3,352,140	127,250,232	2.63
36	3,367,451	128,053,180	2.63
37	3,390,719	128,824,829	2.63
38	3,398,770	129,824,939	2.62
39	3,409,866	130,879,718	2.61
1940	3,427,796	131,669,275	2.60
41	3,455,000	133,058,000	2.60
42	3,481,000	133,752,000	2.60
43	3,477,000	133,971,000	2.60
44	3,440,000	132,885,000	2.59
1945	3,427,000	132,481,000	2.59
46	3,702,000	140,054,000	2.64
47	3,779,000	143,446,000	2.63
48	3,877,000	146,093,000	2.65
49	3,958,000	148,665,000	2.66
1950	3,964,000	151,228,000	2.62
51	4,069,000	153,383,000	2.65
52	4,148,000	155,767,000	2.66
53	4,186,000	158,375,000	2.64
54	4,245,000	161,921,000	2.62
1955	4,337,000	165,072,000	2.63
56	4,433,000	168,051,000	2.64
57	4,508,000	171,118,000	2.63
58	4,565,000	174,056,000	2.62
59	4,638,000	177,021,000	2.62
1960	4,673,000	179,992,000	2.60
61	4,724,000	183,057,000	2.58
62	4,725,000	185,890,000	2.54
63	4,780,000	188,658,000	2.53
64	4,843,000	191,371,000	2.53
1965	4,886,000	193,818,000	2.52

*Population figures for Indiana and United States from 1930 to 1940 obtained from U.S. Department of Commerce, Bureau of the Census, Vital Statistics Rates in the United States 1900-1940 (Washington, D.C.: U.S. Govt. Printing Office).

Numbers from 1941 to 1965 obtained from U.S. Department of Commerce, Bureau of the Census, Statistical Abstracts (Washington, D.C.: U.S. Govt. Printing Office), given in thousands.

Figure 2 TOTAL POPULATION IN INDIANA COMPARED WITH TOTAL POPULATION IN THE UNITED STATES (1930-65)

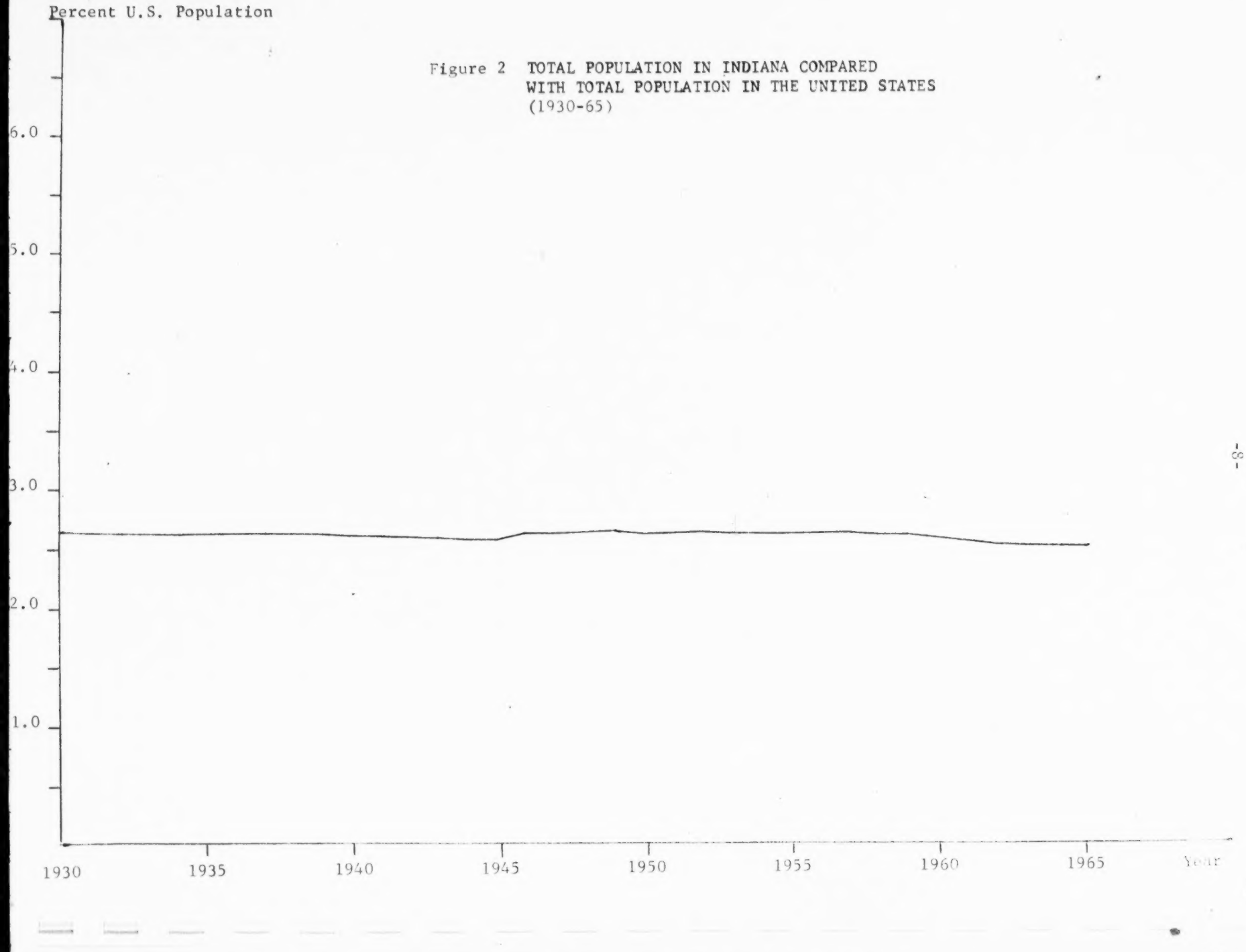


Table 2 BIRTHS IN INDIANA COMPARED WITH BIRTHS IN THE UNITED STATES (1930-65)

Year	Births in the United States*	Births in Indiana †	Births in Indiana as a Percent of Total in United States
1930	2,329,958	59,278	2.54%
31	2,235,638	55,973	2.50
32	2,181,463	53,073	2.43
33	2,081,226	50,480	2.43
34	2,167,636	52,379	2.42
1935	2,155,105	52,909	2.46
36	2,144,790	54,034	2.52
37	2,203,337	56,087	2.55
38	2,286,962	60,192	2.63
39	2,265,588	58,349	2.58
1940	2,360,399	61,660	2.61
41	2,513,427	65,594	2.61
42	2,808,996	73,706	2.62
43	2,934,860	74,672	2.54
44	2,794,800	71,354	2.55
1945	2,735,456	68,444	2.50
46	3,288,672	85,515	2.60
47	3,699,940	96,359	2.60
48	3,535,068	92,529	2.62
49	3,559,529	94,214	2.65
1950	3,554,147	93,256	2.62
51	3,648,954	101,099	2.77
52	3,839,490	104,448	2.72
53	3,965,000	105,367	2.66
54	4,078,000	109,008	2.67
1955	4,104,000	108,430	2.64
56	4,218,000	113,450	2.69
57	4,307,000	115,727	2.69
58	4,250,000	112,486	2.65
59	4,298,000	112,670	2.62
1960	4,307,000	112,711	2.62
61	4,317,000	112,208	2.60
62	4,213,000	108,700	2.58
63	4,142,000	106,956	2.58
64	4,070,000	105,962	2.60
1965	3,806,000	98,075	2.58

*Births in United States from 1930 to 1952 as reported by Ronald B. Thompson, College Age Population Trends, 1940-1970 (American Association of Collegiate Registrars and Admissions Officers, 1953). Births in the United States from 1953 to 1960 from Statistical Abstracts, 1960; from 1961 to 1965, from Statistical Abstracts, 1965.

†Births in Indiana from Indiana State Board of Health.

Figure 3 BIRTHS IN INDIANA COMPARED WITH BIRTHS IN THE UNITED STATES (1930-65)

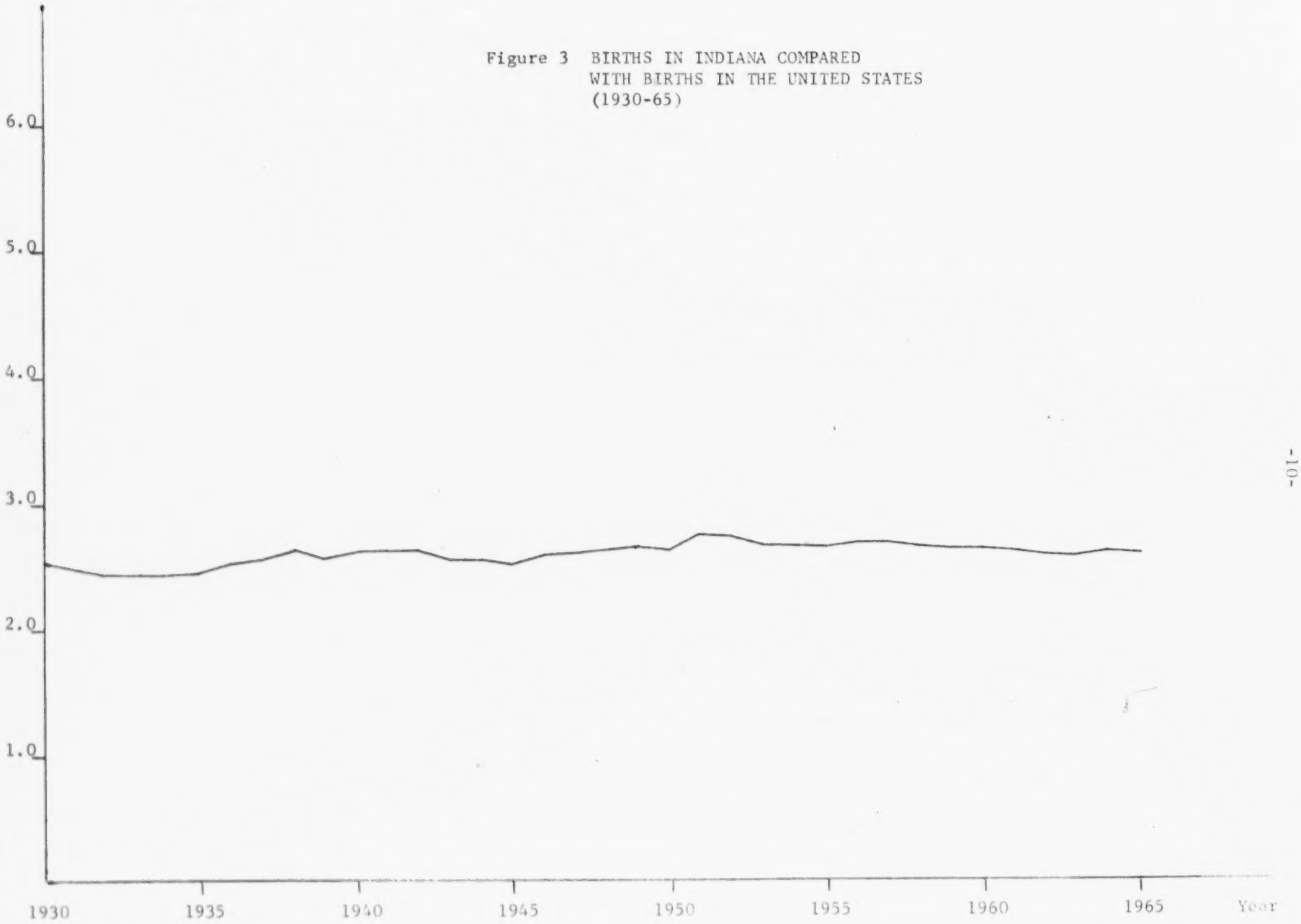


Table 3 LIVE BIRTHS IN INDIANA
(1928-67)

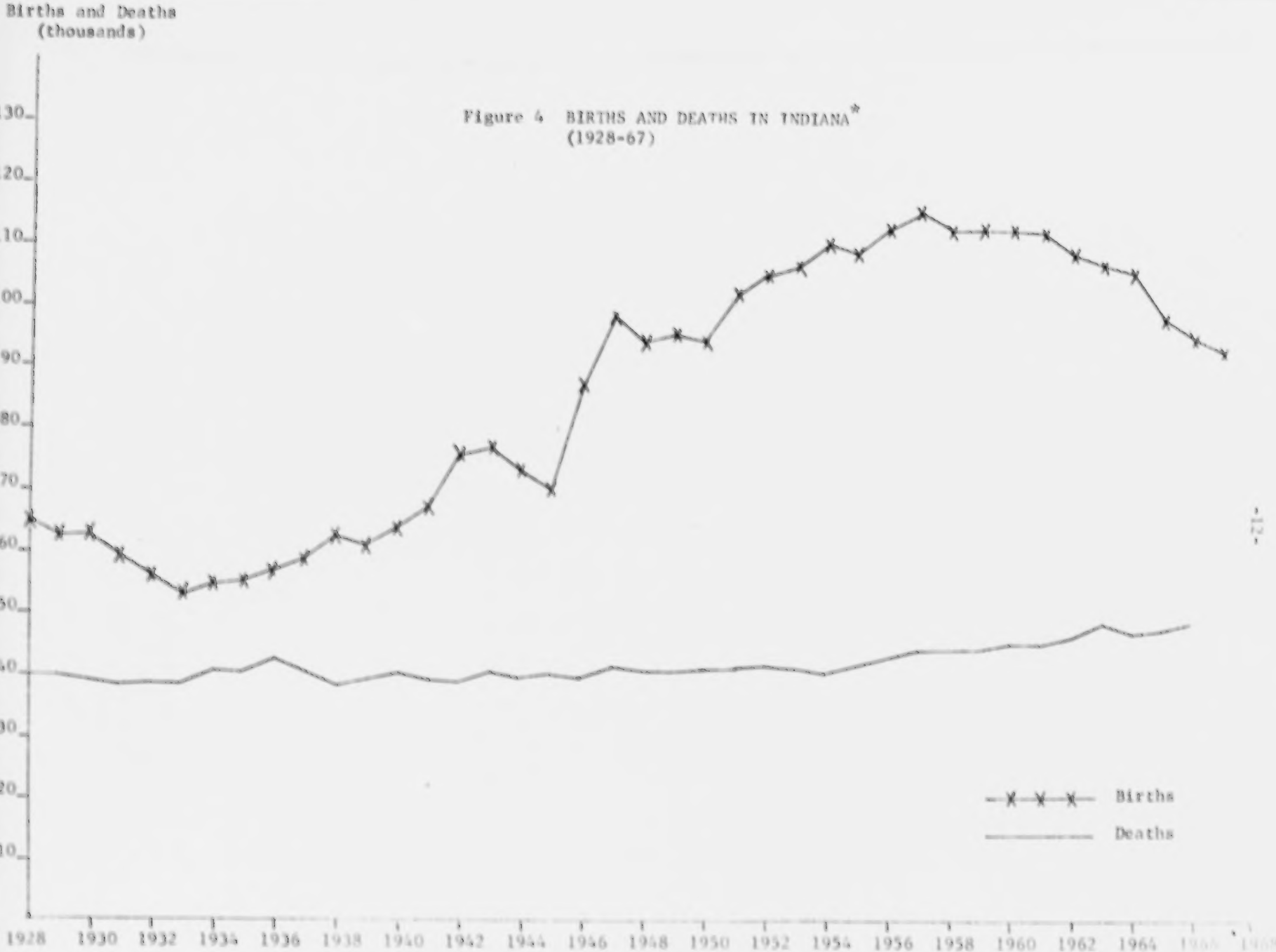
Year	Number of Births Registered*	Percent Completeness of Registration	Number of Births Corrected for Under-registration
1928	60,289	93.5%	64,480
29	58,830	93.8	62,719
1930	59,278	94.0	63,062
31	55,973	94.3	59,356
32	53,073	94.5	56,162
33	50,480	94.8	53,249
34	52,379	95.0	55,136
1935	52,909	95.3	55,518
36	54,034	95.5	56,580
37	56,087	95.8	58,546
38	60,192	96.0	62,700
39	58,349	96.3	60,591
1940†	61,660	96.5	63,896
41	65,594	96.8	67,762
42	73,706	97.0	75,986
43	74,672	97.3	76,744
44	71,354	97.5	73,184
1945	68,444	97.8	69,984
46	85,515	98.0	87,260
47	96,359	98.3	98,025
48	92,529	98.5	93,938
49	94,214	98.8	95,358
1950†	93,256	99.0	94,198
51	101,099	99.0	102,120
52	104,448	99.0	105,503
53	105,367	99.0	06,431
54	109,008	99.0	110,109
1955	108,430	99.0	109,514
56	113,450	99.0	114,585
57	115,727	99.0	116,884
58	112,486	99.0	113,611
59	112,670	99.0	113,797
1960	112,711	99.0	113,838
61	112,208	99.0	113,330
62	108,700	99.0	109,787
63	106,956	99.0	108,026
64	105,962	99.0	107,022
1965	98,075	99.0	99,056
66	95,658	99.0	96,615
67††	93,600	99.0	94,536

*Indiana State Board of Health

†Percentage completeness for 1940 and 1950 were reported in Sam Shaprio and Joseph Schachter, "Birth Registration Completeness, United States," Public Health Reports, LXVII, No. 6 (Washington, D.C.: U.S. Govt. Printing Office, 1950), pp. 513-24.

††Births for 1967 are estimated.

Figure 4 BIRTHS AND DEATHS IN INDIANA*
(1928-67)



*Births corrected for under-registration.

Table 4 ESTIMATED NUMBER OF PERSONS LIVING TO 18, 19, 20, AND 21 YEARS OF AGE FOR INDIANA *
(1928-67)

Year Born	Births Corrected	Number Living To Age 18	Number Living To Age 19	Number Living To Age 20	Number Living To Age 21
1928	64,480	60,425	60,324	60,215	60,099
29	62,719	58,775	58,676	58,571	58,458
1930	63,062	59,097	58,997	58,891	58,778
31	59,356	55,624	55,530	55,430	55,323
32	56,162	52,631	52,542	52,447	52,346
33	53,249	49,901	49,817	49,727	49,631
34	55,136	51,669	51,582	51,489	51,390
1935	55,518	52,027	51,939	51,846	51,746
36	56,580	53,022	52,933	52,838	52,736
37	58,546	54,865	54,772	54,674	54,568
38	62,700	58,757	58,658	58,553	58,440
39	60,591	56,781	56,685	56,584	56,474
1940	63,896	59,878	59,777	59,670	59,555
41	67,762	63,501	63,394	63,280	63,158
42	75,986	71,208	71,088	70,960	70,824
43	76,744	72,918	71,797	71,668	71,530
44	73,184	68,582	68,467	68,344	68,212
1945	69,984	65,583	65,473	65,355	65,229
46	87,260	81,773	81,635	81,489	81,332
47	98,025	91,861	91,706	91,542	91,365
48	93,938	88,031	87,883	87,725	87,556
49	95,358	89,362	89,211	89,051	88,879
1950	94,198	88,275	88,126	87,968	87,798
51	102,120	95,699	95,537	95,366	95,182
52	105,503	98,869	98,702	98,525	98,335
53	106,431	99,739	99,570	99,392	99,200
54	110,109	103,185	103,011	102,826	102,628
1955	109,514	102,628	102,455	102,271	102,074
56	114,585	107,380	107,199	107,006	106,800
57	116,884	109,534	109,350	109,153	108,943
58	113,611	106,467	106,288	106,097	105,892
59	113,797	106,641	106,462	106,270	106,066
1960	113,838	106,680	106,500	106,309	106,104
61	113,330	106,204	106,025	105,834	105,630
62	109,787	102,884	102,710	102,526	102,328
63	108,026	101,233	101,063	100,881	100,687
64	107,022	100,292	100,123	99,944	99,751
1965	99,056	92,827	92,671	92,504	92,326
66	96,615	90,540	90,387	90,225	90,051
67	94,536	88,592	88,442	88,283	88,113

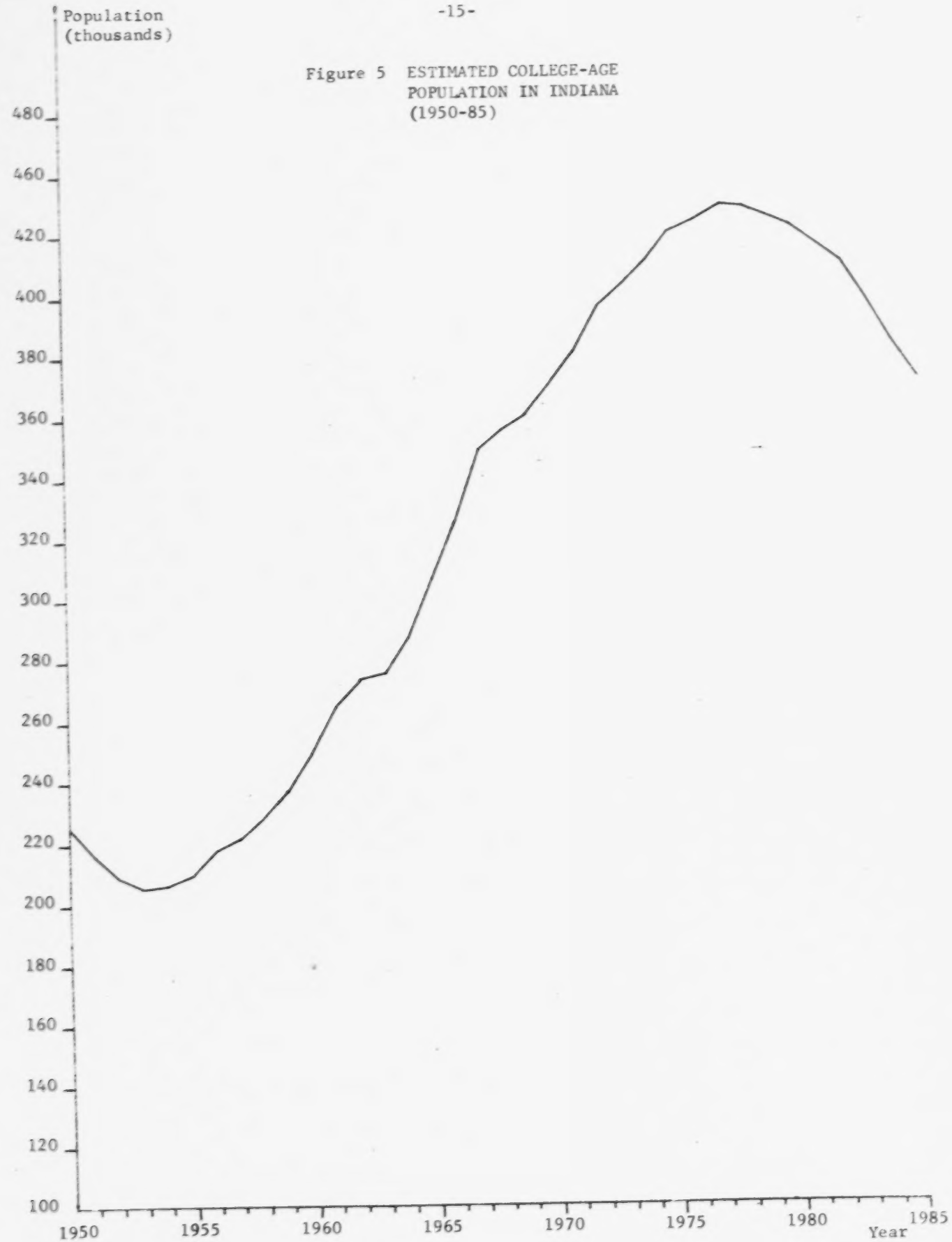
*Based upon Metropolitan Life Insurance Company, State and Regional Life Tables 1939-41, Federal Security Office.

Average mortality rates combining the male and female rates were used.

Table 5 ESTIMATED COLLEGE-AGE POPULATION IN INDIANA (1950-85)

Year	Total 18-21 Age Group	Increase in 18-21 Age Group Compared with 1967 Group
1950	225,510	
51	216,651	
52	209,256	
53	205,682	
54	206,081	
1955	211,034	
56	218,113	
57	222,849	
58	229,684	
59	238,302	
1960	250,746	
61	265,841	
62	274,497	
63	276,542	
64	287,120	
1965	307,063	
66	326,455	
67	350,119	0
68	356,576	6,457
69	360,432	10,313
1970	371,253	21,134
71	381,605	31,486
72	396,462	46,343
73	403,366	53,247
74	411,861	61,742
1975	421,632	71,513
76	424,897	74,778
77	428,882	78,763
78	428,182	78,063
79	424,866	74,747
1980	421,284	71,165
81	415,881	65,762
82	409,511	59,392
83	396,159	46,040
84	383,842	33,723
1985	371,234	21,115

Figure 5 ESTIMATED COLLEGE-AGE POPULATION IN INDIANA (1950-85)



III. COLLEGE ENROLLMENT IN INDIANA

Fall enrollments of undergraduate and graduate students were obtained from each college and university in the state for the years 1950 to 1967, and undergraduate students were also reported by class (Table 6). These data were received from both public and private institutions (Table 7, Table 8). For the period, total undergraduate enrollment increased 154 percent, and graduate enrollment in the state increased 228 percent. The public institutions experienced a 198 percent increase of undergraduates and a 222 percent increase of graduate students. Undergraduate enrollment in the private institutions increased 103 percent for the same period, and graduate enrollment increased 260 percent. While nearly 54 percent of the total undergraduates were in public institutions in 1950, 63 percent of the state undergraduates were enrolled in public institutions in 1967. Eighty-three percent of the graduate students were in public schools in 1950, as compared with 82 percent in 1967.

Geographic distributions of college and university enrollment by county in Indiana and by state were obtained for the fall semester or quarter for 1967-68 (Figures 6 and 7). The number shown for each county or state represents the number of undergraduate students from that county or state who were attending Indiana colleges and universities. Indiana students attending institutions outside the State of Indiana are not included.

A comparison of data in Figure 6 with comparable data in the 1955 study (Potential Enrollment for Indiana Colleges and Universities, 1955 to 1972, by N. M. Parkhurst and Betty Suddarth) shows that the number of students from Indiana attending colleges or universities in Indiana has,

generally speaking, doubled during the past 13 years. The number has failed to double in only three counties, whereas it has increased 400 percent in six counties and 500 percent in two counties. The in-migration of students from other states has increased in terms of number of students; the number coming from 19 states has doubled during the past 13 years.

Table 6 TOTAL ENROLLMENT FOR INDIANA COLLEGES AND UNIVERSITIES (1950-67)

School Year	Fresh.	Soph.	Junior	Senior	Other	Total Undergrad.	Grad.	Grand Total
1950	17,014	12,589	11,060	10,681	2,174	53,518	9,000	62,518
51	15,942	10,686	9,321	8,948	2,695	47,592	8,914	56,506
52	18,285	10,264	8,890	8,410	3,220	49,069	8,272	57,341
53	19,974	11,570	8,307	7,742	3,752	51,345	8,341	59,686
54	21,580	13,222	9,601	7,895	4,515	56,813	8,736	65,549
1955	23,409	15,013	10,901	9,032	4,941	63,296	9,407	72,703
56	24,273	15,573	12,177	10,386	6,083	68,492	9,847	78,339
57	24,483	16,437	12,447	11,374	4,836	69,577	10,650	80,227
58	26,233	16,976	12,871	12,314	5,905	74,299	12,054	86,353
59	27,000	17,470	13,082	11,956	6,786	76,294	13,582	89,876
1960	30,081	18,308	13,713	12,194	8,995	83,291	14,794	98,085
61	33,149	21,125	14,539	12,584	8,430	89,827	16,276	106,103
62	32,172	23,495	16,410	13,618	9,575	95,270	17,739	113,009
63	33,494	22,982	17,885	15,538	8,904	98,803	19,823	118,626
64	37,884	23,937	18,283	16,967	10,389	107,460	21,119	128,579
1965	45,409	27,279	19,105	17,737	10,864	120,394	23,589	143,983
66	44,212	32,780	21,558	18,350	10,665	127,565	27,420	154,985
67	47,653	32,424	25,363	20,352	10,399	136,191	29,574	165,765

Table 7 TOTAL ENROLLMENT FOR INDIANA PUBLIC COLLEGES AND UNIVERSITIES (1950-67)

School Year	Fresh.	Soph.	Junior	Senior	Other	Total Undergrad.	Grad.	Grand Total
1950	9,692	6,481	6,280	5,990	421	28,864	7,485	36,349
51	8,904	5,408	5,246	4,957	911	25,426	7,150	32,576
52	10,239	5,300	4,681	4,468	1,371	26,059	6,806	32,865
53	11,201	5,854	4,447	4,083	1,669	27,254	6,669	33,923
54	12,217	6,956	5,295	4,268	1,779	30,515	7,108	37,623
1955	13,397	7,735	6,004	4,864	1,944	33,944	7,687	41,631
56	13,675	8,047	6,434	5,518	3,044	36,718	8,304	45,022
57	13,490	8,563	6,629	5,979	1,735	36,396	8,707	45,103
58	14,894	9,157	6,432	6,213	2,669	39,365	10,114	49,479
59	15,527	9,378	6,808	5,809	3,001	40,523	11,353	51,876
1960	18,330	9,843	7,186	6,110	4,327	45,796	12,385	58,181
61	20,870	12,063	7,621	6,239	4,001	50,794	13,527	64,321
62	20,244	14,055	8,947	6,840	4,564	54,650	14,558	69,208
63	21,478	13,575	10,085	8,042	3,903	57,083	16,159	73,242
64	24,049	14,277	10,216	9,281	5,335	63,158	17,114	80,272
1965	29,592	16,528	10,957	9,887	5,953	72,917	18,943	91,860
66	29,521	20,788	12,643	10,436	5,306	78,694	22,144	100,838
67	32,876	20,974	15,717	11,856	4,708	86,131	24,118	110,249

Table 8 TOTAL ENROLLMENT FOR INDIANA PRIVATE COLLEGES AND UNIVERSITIES (1950-67)

School Year	Fresh.	Soph.	Junior	Senior	Other	Total Undergrad.	Grad.	Grand Total
1950	7,322	6,108	4,780	4,691	1,753	24,654	1,515	26,169
51	7,038	5,278	4,075	3,991	1,784	22,166	1,764	23,930
52	8,046	4,964	4,209	3,942	1,849	23,010	1,466	24,476
53	8,773	5,716	3,860	3,659	2,083	24,091	1,672	25,763
54	9,363	6,266	4,306	3,627	2,736	26,298	1,628	27,926
1955	10,012	7,278	4,897	4,168	2,997	29,352	1,720	31,072
56	10,598	7,526	5,743	4,868	3,039	31,774	1,543	33,317
57	10,993	7,874	5,818	5,395	3,101	33,181	1,943	35,124
58	11,339	7,819	6,439	6,101	3,236	34,934	1,940	36,874
59	11,473	8,092	6,274	6,147	3,785	35,771	2,229	38,000
1960	11,751	8,465	6,527	6,084	4,668	37,495	2,409	39,904
61	12,279	9,062	6,918	6,345	4,429	39,033	2,749	41,782
62	11,928	9,440	7,463	6,778	5,011	40,620	3,181	43,801
63	12,016	9,407	7,800	7,496	5,001	41,720	3,664	45,384
64	13,835	9,660	8,067	7,686	5,054	44,302	4,005	48,307
1965	15,817	10,751	8,148	7,850	4,911	47,477	4,646	52,123
66	14,691	11,992	8,915	7,914	5,359	48,871	5,276	54,147
67	14,777	11,450	9,646	8,496	5,691	50,060	5,456	55,516

Figure 6

GEOGRAPHIC DISTRIBUTION OF UNDERGRADUATE STUDENTS

IN INDIANA COLLEGES AND UNIVERSITIES

BY COUNTIES IN INDIANA

FOR FALL SEMESTER 1967-68

Figure 7 GEOGRAPHIC DISTRIBUTION OF UNDERGRADUATE STUDENTS
IN INDIANA COLLEGES AND UNIVERSITIES
BY STATES
FOR FALL SEMESTER 1967-68

Alaska - 8

Hawaii - 111

IV. PROJECTIONS OF ENROLLMENTS IN INDIANA

On the basis of data collected, trends for the past 18 years were studied. These data have been used to project trends into the future for approximately 18 years to arrive at enrollment predictions. These methods of prediction are based upon postulated relationships between the future and the past. The premise is generally made that the future will reflect the past proportionately and will not show influences greater or lesser than those in the past. Consequently, one of the first assumptions is that the average behavior (economic, social, and political) of the base period, whatever it was, will prevail in the following period. In the present study, the base period selected, 1950 to 1967, was one of relative normalcy. It was not disrupted by a major war such as World War II or a period of deep depression. Therefore, this trend should be more stable than those of previous periods where such unsettling conditions did prevail. Whether stable conditions will prevail in the future is not known.

Before analytic projections can be accomplished, the choice of a system of fundamental concepts of behavior must be made. The system chosen is referred to as an analytical model that is an embodiment of all of the characteristics of behavior attributed to the quantity under study. In this way, trends and other important properties are incorporated into a mathematical expression that, when fitted to the past, will carry important characteristics into the future.

PROJECTION OF UNDERGRADUATE ENROLLMENT

One basic model with four variations was used in the present study for the prediction of undergraduate enrollments.[1] This model, called UPM for undergraduate prediction model, was selected because of its demonstrated accuracy in the past.[2] In this model, undergraduate enrollment is assumed to be a fraction of the college-age population that allows this population to exert a major influence. All other influences are grouped together.

UPM is based on past enrollment expressed as a percentage of the college-age population. The percentage is assumed to be a linear function that implies a constant rate of change. The linear relationship obtained was projected through 1985, and future percentages were computed. These extrapolated percentages were then applied to the appropriate population group to obtain future enrollments. It is important to note that college-age populations up to and including 1985 can be accurately predicted from currently available birth data.

UPM-1 was calculated using total undergraduate enrollments for the state as a whole from 1950 to 1967. These enrollments were expressed as percentages of the eighteen- to twenty-one-year-olds for the same period (Table 9). The total undergraduate estimates thus obtained were subdivided into classes based on an average percentage in each category for the past five years (Table 10, Table 11).

---

[1] The prediction equations for the models are given in Appendix B.

[2] This model was Model C in the 1955 study.

UPM-2 was calculated using freshmen enrollments for the state as a whole for the period from 1950 to 1967. These enrollments were expressed as a percentage of the eighteen-year-olds (Table 12). Average advancement ratios for the past five years were applied to the freshmen estimates to obtain sophomore, junior, and senior estimates (Table 13, Table 14).

For comparative purposes it must be pointed out that the "other" category that is included in the estimate based on total undergraduate enrollment (UPM-1) is not included in the estimate based on freshmen enrollment (UPM-2). Consequently, UPM-2 is consistently lower than UPM-1. When the predicted "other" category from UPM-1 is added to UPM-2, it can be seen that the two estimates for undergraduate enrollment for Indiana are very close (Table 11, Table 14).

The other two state estimates, UPM-3 and UPM-4, are based on individual college estimates. These individual estimates were made using the same type models as UPM-1 and UPM-2, respectively. In other words, an estimate based on total undergraduate enrollment expressed as a percentage of the eighteen- to twenty-one-year-olds was made for each Indiana college. These estimates were then totaled to obtain another state estimate, UPM-3 (Table 15). In addition, an estimate for each Indiana college was made based on freshmen enrollments expressed as a percentage of eighteen-year-olds. These estimates were totaled to obtain the state estimate, UPM-4 (Table 16). The "other" category from UPM-3 was added to the total of UPM-4 for comparative purposes. The state estimates based on the summation of the individual institutions are lower than comparable estimates based on the annual totals for the state. That is, UPM-3 is lower than UPM-1, and UPM-4 is lower than UPM-2. This is because enrollments in the state

as a whole have shown a steadily increasing percentage of the college-age population while individual college percentages in some instances have been decreasing, remaining relatively constant, or increasing at a slower rate. The model used in this study does not take into account local conditions, unique functions, or policies of individual colleges; it merely projects past trends into the future. While a linear function describes the state behavior adequately, it may or may not be valid for an individual school. The individual school's basic needs and policies will have considerable effect on any estimates of future enrollments.

Various subtotal estimates are of interest. A public and private breakdown (Table 17) shows that while 63 percent of the undergraduate enrollment in Indiana is now in public schools, this percentage can be expected to increase to 65 or 66 percent by 1985 if present trends continue. Tables 18 and 19 give public and private enrollment estimates. The Model P-1 estimates were obtained by totaling the individual college estimates for each category. Model P-2 estimates were obtained by a linear projection of the percentage of eighteen- to twenty-one-year-olds enrolled in each category. It is interesting to note that the public institution estimates, both for main and regional campuses, are essentially the same by both methods. Estimates based on annual total enrollments in private institutions are greater than the sum of estimates based on enrollment in the individual private institutions. (Using Model P-1, Figure 8 represents the public-private trend.)

An examination of the public institutions separately indicates that public enrollment in the four main campuses may reach 100,000 in 1985, while the regional campuses could have an enrollment of 39,000. This

represents 28 percent of the public enrollment attending regional campuses in 1985 (compared to 27 percent in 1967). Decisions to increase offerings so that more students could obtain degrees at regional campuses and any decisions to set ceilings for enrollments at main campuses would obviously affect these percentages.

Undergraduate enrollment in Indiana colleges and universities by size category as of September, 1967, is shown in Table 20.[3] Estimates of future enrollments for the schools presently in the size categories were made (Table 21, Table 22). Model S-1 estimates were obtained by summing the individual schools for the appro,.iate category. Model S-2 estimates were obtained by linear projections of the percentage of the college-age group enrolled in each size category. It can be seen that the greatest variation between the two estimates lies within the categories of less than 500 and of 501-750. The other three categories yield estimates, using the two models, that are essentially the same. Figure 9, using Model S-1 for estimates, depicts graphically the breakdown by size.

A categorization by men and women for the state total and for each individual school was also considered important. A linear projection of the percentage of women for the period from 1950 to 1967 was made. The percentage of men was obtained by subtraction. In addition, another projection based on only the past five years was made because, in some instances, using the entire 1950 to 1967 period for the basic data gave an unrealistic picture for some schools. For the state as a whole, the base period from 1950 to 1967 appeared to be the most valid.

---

[3]The institutions included in each category are listed in Appendix C.

It would appear that the trend has been for more and more women to attend institutions of higher education (Table 23). How long this trend will continue is not known. The percentages of men and women were applied to the enrollments estimated by UPM-1 to obtain estimates for men and women from 1968 to 1985, and UPM-1 was used for Indiana as a whole (Table 24). Estimates based on UPM-3 were made for each institution and presented to the president of each institution.

Table 9 UNDERGRADUATE ENROLLMENT FOR INDIANA COLLEGES AND UNIVERSITIES EXPRESSED AS PERCENTAGE OF 18-21 AGE GROUP (1950-67)

School Year	Total 18-21 Age Group	Total Undergrad. Enrollment	Enrollment as Percent of Age Group
1950	225,510	53,518	23.73%
51	216,651	47,592	21.97
52	209,256	49,069	23.45
53	205,682	51,345	24.96
54	206,081	56,813	27.57
1955	211,034	63,296	29.99
56	218,113	68,492	31.40
57	222,849	69,577	31.22
58	229,684	74,299	32.35
59	238,302	76,294	32.02
1960	250,746	83,291	33.22
61	265,841	89,827	33.79
62	274,497	95,270	34.71
63	276,542	98,803	35.73
64	287,120	107,460	37.43
1965	307,063	120,394	39.21
66	326,455	127,565	39.08
67	350,119	136,191	38.90

Table 10 PERCENTAGE OF UNDERGRADUATE ENROLLMENT FOR INDIANA COLLEGES AND UNIVERSITIES BY CLASSES (1950-67)

School Year	Total Undergrad.	Percentage of Total				
		Fresh.	Soph.	Junior	Senior	Other
1950	53,518	31.79%	23.52%	20.67%	19.96%	4.06%
51	47,592	33.50	22.45	19.59	18.80	5.66
52	49,069	37.26	20.92	18.12	17.14	6.56
53	51,345	38.90	22.53	16.18	15.08	7.31
54	56,813	37.98	23.27	16.90	13.90	7.95
1955	63,296	36.98	23.72	17.22	14.27	7.81
56	68,492	35.44	22.74	17.78	15.16	8.88
57	69,577	35.19	23.62	17.89	16.35	6.95
58	74,299	35.31	22.85	17.32	16.57	7.95
59	76,294	35.39	22.90	17.15	15.67	8.89
1960	83,291	36.12	21.98	16.46	14.64	10.80
61	89,827	36.90	23.52	16.19	14.01	9.38
62	95,270	33.77	24.66	17.22	14.29	10.05
63	98,803	33.90	23.26	18.10	15.73	9.01
64	107,460	35.25	22.28	17.01	15.79	9.67
1965	120,394	37.72	22.66	15.87	14.73	9.02
66	127,565	34.66	25.70	16.90	14.38	8.36
67	136,191	34.99	23.81	18.62	14.94	7.64
Average*		35.30	23.54	17.30	15.12	8.74

*Average obtained for last five years.

Table 11 ESTIMATE OF FUTURE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES APPLYING CLASS PERCENTAGES TO PREDICTED TOTAL UNDERGRADUATES
(1968-85)

School Year	Estimated Undergraduates					
	Fresh.	Soph.	Junior	Senior	Other	Total
1968	52,160	34,779	25,562	22,332	12,913	147,746
69	53,864	35,915	26,397	23,062	13,335	152,573
1970	56,807	37,877	27,839	24,322	14,063	160,908
71	59,754	39,843	29,284	25,584	14,793	169,258
72	63,497	42,338	31,118	27,186	15,719	179,858
73	66,044	44,036	32,366	28,276	16,350	187,072
74	68,906	45,944	33,769	29,502	17,058	195,179
1975	72,046	48,039	35,308	30,846	17,836	204,075
76	74,122	49,423	36,325	31,735	18,350	209,955
77	76,349	50,908	37,416	32,689	18,901	216,263
78	77,754	51,844	38,105	33,290	19,249	220,242
79	78,670	52,455	38,554	33,682	19,476	222,837
1980	79,511	53,016	38,966	34,043	19,684	225,220
81	79,977	53,327	39,195	34,242	19,799	226,540
82	80,215	53,485	39,311	34,344	19,858	227,213
83	79,015	52,685	38,723	33,830	19,561	223,814
84	77,929	51,961	38,191	33,365	19,292	220,738
1985	76,695	51,138	37,586	32,837	18,987	217,243

Table 12 NUMBER OF FRESHMEN IN INDIANA COLLEGES AND UNIVERSITIES EXPRESSED AS A PERCENTAGE OF 18-YEAR-OLDS (1950-67)

School Year	No. 18-Year-Olds	No. of Freshmen	Percent
1950	52,631	17,014	32.33%
51	49,901	15,942	31.95
52	51,669	18,285	35.39
53	52,027	19,974	38.39
54	53,022	21,580	40.70
955	54,865	23,409	42.67
56	58,757	24,273	41.31
57	56,781	24,483	43.12
58	59,878	26,233	43.81
59	63,501	27,000	42.52
1960	71,208	30,081	42.24
61	71,918	33,149	46.09
62	68,582	32,172	46.91
63	65,583	33,494	51.07
64	81,773	37,884	46.33
1965	91,861	45,409	49.43
66	88,031	44,212	50.22
67	89,362	47,653	53.33

Table 13 ADVANCEMENT RATIOS FOR UNDERGRADUATE ENROLLMENT, INDIANA COLLEGES AND UNIVERSITIES (1951-67)

School Year	Fresh. to Soph.	Soph. to Junior	Junior to Senior
1951	.62807	.74041	.80904
52	.64383	.83193	.90226
53	.63276	.80933	.87087
54	.66196	.82982	.95040
1955	.69569	.82446	.94074
56	.66526	.81110	.95276
57	.67717	.79927	.93406
58	.69338	.78305	.98931
59	.66596	.77062	.92891
1960	.67807	.78495	.93212
61	.70227	.79413	.91767
62	.70877	.77680	.93665
63	.71435	.76123	.94686
64	.71467	.79554	.94867
1965	.72007	.79814	.97014
66	.72188	.79028	.96048
67	.73338	.77373	.94406
Average*	.72087	.78378	.95404

*Average obtained for last five years.

Table 14 UPM-2 ESTIMATE OF FUTURE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES USING ADVANCEMENT RATIOS ON PREDICTED NUMBER OF FRESHMEN (1968-85

School Year	Estimated Undergraduates					Other (from UPM-1)	Grand Total
	Fresh.	Soph.	Junior	Senior	Total		
1968	47,180	34,352	25,413	24,197	131,142	12,913	144,055
69	52,179	34,011	26,924	24,245	137,359	13,335	150,694
1970	54,973	37,614	26,657	25,687	144,931	14,063	158,994
71	56,531	39,628	29,481	25,432	151,072	14,793	165,865
72	59,596	40,751	31,060	28,126	159,533	15,719	175,252
73	60,380	42,961	31,940	29,633	164,914	16,350	181,264
74	64,333	43,526	33,672	30,472	172,003	17,058	189,061
1975	66,804	46,376	34,115	32,124	179,419	17,836	197,255
76	66,080	48,157	36,349	32,547	183,133	18,350	201,483
77	67,337	47,635	37,745	34,678	187,395	18,901	206,296
78	68,511	48,541	37,335	36,010	190,397	19,249	209,646
79	69,350	49,387	38,046	35,619	192,402	19,476	211,878
1980	68,291	49,992	38,709	36,297	193,289	19,684	212,973
81	68,285	49,229	39,183	36,930	193,627	19,799	213,426
82	68,731	49,224	38,585	37,382	193,922	19,858	213,780
83	64,616	49,546	38,581	36,812	189,555	19,561	209,116
84	63,999	46,580	38,833	36,808	186,220	19,292	205,512
1985	63,577	46,135	36,509	37,048	183,269	18,987	202,256

Table 15 UPM-3 ESTIMATE OF FUTURE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES APPLYING CLASS PERCENTAGES TO PREDICTED TOTAL UNDERGRADUATES (BASED ON INDIVIDUAL COLLEGE ESTIMATES) (1968-85)

School Year	Estimated Undergraduates					
	Fresh.	Soph.	Junior	Senior	Other	Total
1968	52,042	34,524	25,191	21,982	13,146	146,885
69	53,766	35,585	25,874	22,551	13,735	151,511
1970	56,726	37,459	27,153	23,632	14,646	159,616
71	59,696	39,333	28,423	24,706	15,577	167,735
72	63,464	41,726	30,063	26,102	16,713	178,068
73	66,030	43,329	31,130	26,994	17,549	158,032
74	68,919	45,134	32,341	28,012	18,477	192,883
1975	72,084	47,120	33,677	29,138	19,481	201,500
76	74,186	48,411	34,502	29,832	20,206	207,137
77	76,438	49,797	35,406	30,575	20,976	213,192
78	77,872	50,647	35,923	30,992	21,518	216,952
79	78,808	51,176	36,220	31,221	21,932	219,357
1980	79,677	51,660	36,481	31,414	22,322	221,554
81	80,166	51,900	36,573	31,464	22,604	222,707
82	80,423	51,997	36,561	31,430	22,815	223,226
83	79,242	51,161	35,903	30,835	22,610	219,751
84	78,171	50,408	35,307	30,299	22,430	216,615
1985	76,959	49,563	34,647	29,711	22,198	213,078

Table 16 UPM-4 ESTIMATE OF FUTURE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES USING ADVANCEMENT RATIOS ON PREDICTED NUMBER OF FRESHMEN (BASED ON INDIVIDUAL COLLEGE ESTIMATES) (1968-85)

School Year	Estimated Undergraduates					Other (from UPM-3)	Grand Total
	Fresh.	Soph.	Junior	Senior	Total		
1968	47,013	34,343	24,474	23,938	129,768	13,146	142,914
69	51,952	33,787	25,648	23,253	134,640	13,735	148,375
1970	54,688	37,252	25,656	24,215	141,811	14,646	156,457
71	56,199	39,119	28,213	24,264	147,795	15,577	163,372
72	59,201	40,106	29,547	26,657	155,511	16,713	172,224
73	59,939	42,154	30,215	27,879	160,187	17,549	177,736
74	63,817	42,585	31,683	28,473	166,558	18,477	185,035
1975	66,226	45,253	31,926	29,826	173,231	19,481	192,712
76	65,469	46,861	33,850	30,020	176,200	20,206	196,406
77	66,669	46,238	34,971	31,795	179,673	20,976	200,649
78	67,791	46,994	34,429	32,811	182,025	21,518	203,543
79	68,582	47,701	34,915	32,271	183,469	21,932	205,401
1980	67,499	48,171	35,368	32,693	183,731	22,322	206,053
81	67,454	47,328	35,640	33,089	183,511	22,604	206,115
82	67,862	47,218	34,953	33,307	183,340	22,815	206,155
83	63,762	47,429	34,801	32,634	178,626	22,610	201,236
84	63,126	44,488	34,890	32,464	174,968	22,430	197,398
1985	62,678	43,979	32,667	32,517	171,841	22,198	194,039

Figure 8 UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY PUBLIC AND PRIVATE INSTITUTIONS (ESTIMATES BASED ON MODEL P-1) (1950-85)

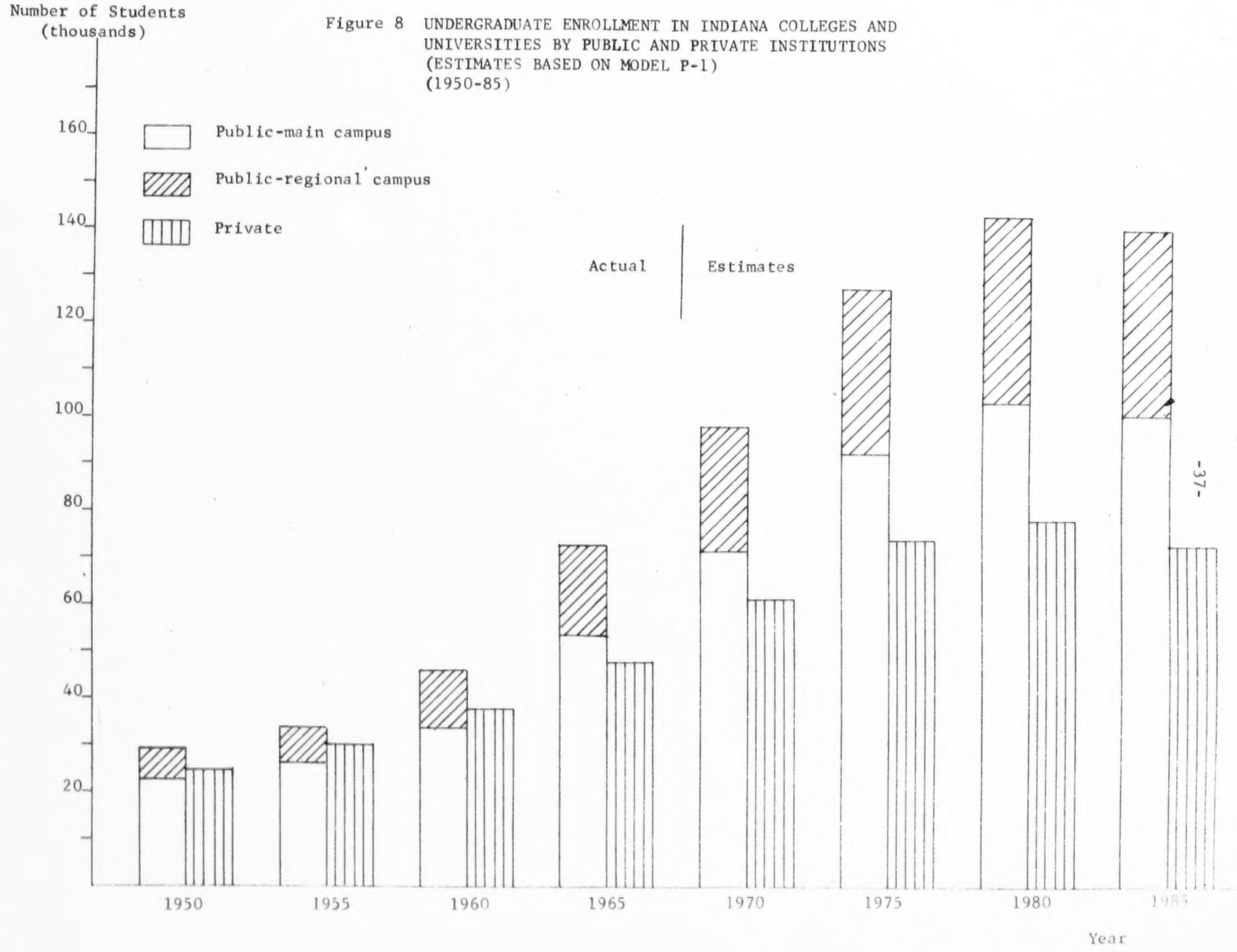


Table 17 UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY PUBLIC AND PRIVATE INSTITUTIONS (1950-67)

Year	Public Main Campus	Public Regional Campus	Public Total	Private	Grand Total
1950	22,530	6,334	28,864	24,654	53,518
51	19,448	5,978	25,426	22,166	47,592
52	20,210	5,849	26,059	23,010	49,069
53	21,197	6,057	27,254	24,091	51,345
54	23,327	7,188	30,515	26,298	56,813
1955	26,186	7,758	33,944	29,352	63,296
56	28,433	8,285	36,718	31,774	68,492
57	27,511	8,885	36,396	33,181	69,577
58	29,426	9,939	39,365	34,934	74,299
59	30,649	9,874	40,523	35,771	76,294
1960	33,849	11,947	45,796	37,495	83,291
61	38,124	12,670	50,794	39,033	89,827
62	40,903	13,747	54,650	40,620	95,270
63	42,853	14,230	57,083	41,720	98,803
64	46,829	16,329	63,158	44,302	107,460
1965	53,311	19,606	72,917	47,477	120,394
66	58,541	20,153	78,694	48,871	127,565
67	62,529	23,602	86,131	50,060	136,191

Table 18 MODEL P-1* ESTIMATE OF UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY PUBLIC AND PRIVATE INSTITUTIONS (1968-85)

Year	Public Main Campus	Public Regional Campus	Public Total	Private	Grand Total
1968	65,463	23,808	89,271	57,609	146,880
69	67,844	24,856	92,700	58,810	151,510
1970	71,794	26,485	98,279	61,339	159,618
71	75,762	28,133	103,895	63,835	167,730
72	80,755	30,174	110,929	67,137	178,066
73	84,240	31,659	115,899	69,135	185,034
74	88,137	33,307	121,444	71,438	192,882
1975	92,401	35,100	127,501	74,000	201,501
76	95,306	36,383	131,689	75,447	207,136
77	98,410	37,746	136,156	77,039	213,195
78	100,457	38,703	139,160	77,791	216,951
79	101,868	39,414	141,282	78,069	219,351
1980	103,180	40,085	143,265	78,283	221,548
81	104,000	40,563	144,563	78,143	222,706
82	104,518	40,919	145,437	77,789	223,226
83	103,151	40,532	143,683	76,070	219,753
84	101,923	40,188	142,111	74,505	216,616
1985	100,487	39,759	140,246	72,835	213,081

*Model P-1 is based on estimates of total undergraduates expressed as a percentage of eighteen- to twenty-one-year-olds for each institution. These individual estimates were totaled for the appropriate category.

Table 19 MODEL P-2* ESTIMATE OF UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY PUBLIC AND PRIVATE INSTITUTIONS (1968-85)

Year	Public Main Campus	Public Regional Campus	Public Total	Private	Grand Total
1968	65,464	23,700	89,164	58,581	147,745
69	67,844	24,730	92,574	59,998	152,572
1970	71,794	26,339	98,133	62,776	160,909
71	75,763	27,964	103,727	65,530	169,257
72	80,755	29,978	110,733	69,125	179,858
73	84,240	31,441	115,681	71,390	187,071
74	88,137	33,065	121,202	73,977	195,179
1975	92,401	34,833	127,234	76,841	204,075
76	95,306	36,094	131,400	78,554	209,954
77	98,410	37,434	135,844	80,420	216,264
78	100,456	38,372	138,828	81,415	220,243
79	101,868	39,066	140,934	81,902	222,836
1980	103,180	39,720	142,900	82,320	225,220
81	104,000	40,181	144,181	82,359	226,540
82	104,517	40,521	145,038	82,175	227,213
83	103,151	40,124	143,275	80,538	223,813
84	101,922	39,773	141,695	79,044	220,739
1985	100,488	39,332	139,820	77,424	217,244

*Model P-2 is based on a linear projection of total undergraduate enrollment in the particular category expressed as a percentage of eighteen- to twenty-one-year-olds.

Table 20 UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY SIZE CATEGORY AS OF SEPTEMBER, 1967
(1950-67)

Year	Under 500	501-750	751-1500	1501-5000	Over 5001	Total
1950	422	1,471	5,451	10,752	35,422	53,518
51	332	1,343	4,948	9,008	31,961	47,592
52	598	1,642	4,872	9,431	32,526	49,069
53	538	1,677	5,199	9,861	34,070	51,345
54	602	1,788	5,866	11,184	37,373	56,813
1955	651	1,924	6,643	12,816	41,262	63,296
56	698	2,164	7,586	13,190	44,854	68,492
57	1,089	2,262	7,897	14,092	44,237	69,577
58	1,119	2,880	8,135	14,538	47,627	74,299
59	1,262	3,100	8,129	15,023	48,780	76,294
1960	1,667	3,179	8,286	15,932	54,227	83,291
61	1,706	3,529	8,322	16,831	59,439	89,827
62	1,875	3,651	8,518	17,671	63,555	95,270
63	1,786	3,577	8,687	18,584	66,169	98,803
64	1,973	3,729	9,192	19,344	73,222	107,460
1965	1,987	3,971	9,967	21,026	83,443	120,394
66	2,132	4,078	10,240	21,824	89,291	127,565
67	2,050	4,234	10,365	22,298	97,244	136,191

Table 21 MODEL S-1* ESTIMATE OF UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY SIZE CATEGORY AS OF SEPTEMBER, 1967 (1968-85)

Year	Under 500	501-750	751-1500	1501-5000	Over 5001	Total
1968	2,523	4,869	12,318	25,858	101,312	146,880
69	2,596	4,969	12,570	26,533	104,842	151,510
1970	2,731	5,181	13,103	27,813	110,790	159,618
71	2,865	5,388	13,631	29,087	116,759	167,730
72	3,035	5,665	14,331	30,737	124,298	178,066
73	3,146	5,832	14,752	31,799	129,505	185,034
74	3,275	6,023	15,236	33,007	135,341	192,882
1975	3,415	6,236	15,778	34,340	141,732	201,501
76	3,504	6,355	16,080	35,162	146,035	207,136
77	3,605	6,488	16,413	36,048	150,641	213,195
78	3,661	6,548	16,567	36,549	153,626	216,951
79	3,695	6,569	16,621	36,825	155,641	219,351
1980	3,727	6,585	16,658	37,071	157,507	221,548
81	3,742	6,571	16,622	37,144	158,627	226,706
82	3,746	6,537	16,540	37,113	159,290	223,226
83	3,681	6,389	16,168	36,426	157,089	219,753
84	3,627	6,256	15,828	35,800	155,105	216,616
1985	3,569	6,114	15,467	35,114	152,817	213,081

*Model S-1 is based on estimates of total undergraduates expressed as a percentage of eighteen- to twenty-one-year-olds for each institution. These estimates were totaled for the appropriate categories. A list of the schools included in each size category is found in Appendix C.

Table 22 MODEL S-2* ESTIMATE OF UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY SIZE CATEGORY AS OF SEPTEMBER, 1967
(1968-85)

Year	Under 500	501-750	751-1500	1501-5000	Over 5001	Total
1968	2,802	5,275	12,318	25,947	101,403	147,745
69	2,942	5,467	12,569	26,647	104,947	152,572
1970	3,151	5,784	13,104	27,955	110,914	160,908
71	3,364	6,103	13,632	29,257	116,901	169,257
72	3,624	6,505	14,330	30,938	124,460	179,857
73	3,819	6,785	14,751	32,029	129,687	187,071
74	4,034	7,098	15,237	33,267	135,542	195,178
1975	4,267	7,441	15,777	34,633	141,956	204,074
76	4,439	7,675	16,080	35,483	146,278	209,955
77	4,621	7,924	16,412	36,403	150,904	216,264
78	4,753	8,088	16,567	36,929	153,905	220,242
79	4,855	8,201	16,619	37,225	155,936	222,836
1980	4,951	8,306	16,658	37,487	157,817	225,219
81	5,024	8,372	16,621	37,576	158,947	226,540
82	5,081	8,413	16,540	37,560	159,619	227,213
83	5,044	8,303	16,169	36,878	157,420	223,814
84	5,013	8,203	15,829	36,257	155,437	220,739
1985	4,969	8,087	15,467	35,574	153,147	217,244

*Model S-2 is based on a linear projection of total undergraduate enrollment in the given size category expressed as a percentage of eighteen- to twenty-one-year-olds. A list of the schools included in each category is found in Appendix C.

Figure 9 UNDERGRADUATE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES BY SIZE CATEGORY AS OF SEPTEMBER, 1967 (ESTIMATES BASED ON MODEL S-1) (1955-85)

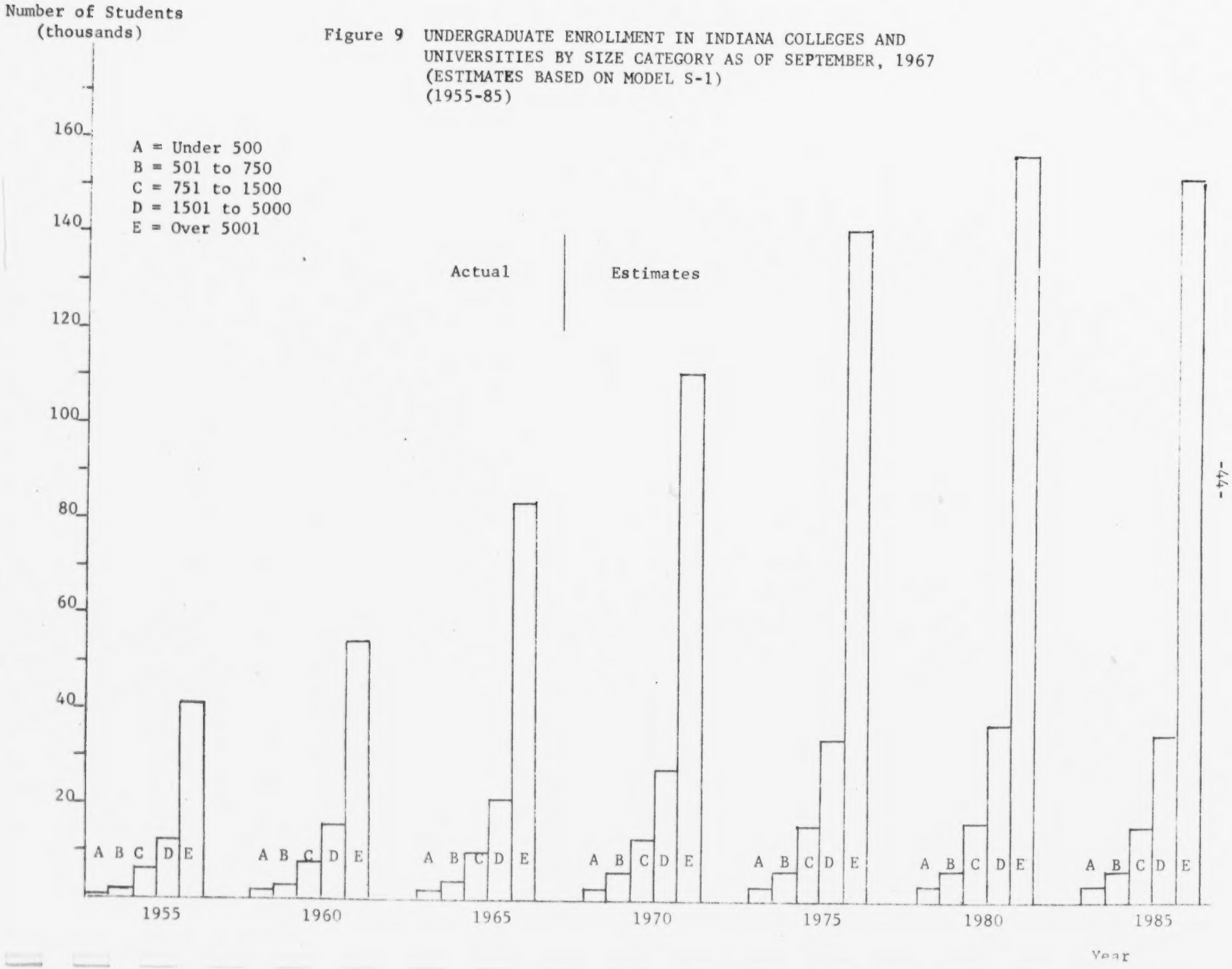


Table 23 MALE AND FEMALE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES (NUMBER AND AS PERCENTAGE OF TOTAL UNDERGRADUATES)
(1950-67)

School Year	Number of Male	Percent	Number of Female	Percent	Total Undergraduate
1950	36,592	68.37%	16,926	31.63%	53,518
51	31,669	66.54	15,923	33.46	47,592
52	31,647	64.49	17,422	35.51	49,069
53	33,301	64.86	18,044	35.14	51,345
54	36,863	64.88	19,950	35.12	56,813
1955	41,978	66.32	21,318	33.68	63,296
56	45,925	67.05	22,567	32.95	68,492
57	46,175	66.37	23,402	33.63	69,577
58	48,395	65.14	25,904	34.86	74,299
59	48,773	63.93	27,521	36.07	76,294
1960	52,780	63.37	30,511	36.63	83,291
61	56,365	62.75	33,462	37.25	89,827
62	59,725	62.69	35,545	37.31	95,270
63	61,516	62.26	37,287	37.74	98,803
64	66,648	62.02	40,812	37.98	107,460
1965	74,189	61.62	46,205	38.38	120,394
66	76,892	60.28	50,673	39.72	127,565
67	80,874	59.38	55,317	40.62	136,191

Table 24 ESTIMATE OF MALE AND FEMALE ENROLLMENT IN INDIANA COLLEGES AND UNIVERSITIES (NUMBER AND AS PERCENTAGE OF TOTAL UNDERGRADUATES)* (1968-85)

Year	Number Male	Percent	Number Female	Percent	Total Undergraduates
1968	88,817	60.11%	58,928	39.89%	147,745
69	91,092	59.70	61,480	40.30	152,572
1970	95,408	59.29	65,501	40.71	160,909
71	99,663	58.88	69,594	41.12	169,257
72	105,166	58.47	74,692	41.53	179,858
73	108,615	58.06	78,457	41.94	187,072
74	112,520	57.65	82,659	42.35	195,179
1975	116,810	57.24	87,265	42.76	204,075
76	119,314	56.83	90,641	43.17	209,955
77	122,010	56.42	94,253	43.58	216,263
78	123,350	56.01	96,893	43.99	220,243
79	123,887	55.60	98,949	44.40	222,836
1980	124,287	55.18	100,933	44.82	225,220
81	124,085	54.77	102,455	45.23	226,540
82	123,520	54.36	103,693	45.64	227,213
83	120,752	53.95	103,061	46.05	223,813
84	118,187	53.54	102,552	46.46	220,739
1985	115,423	53.13	101,821	46.87	217,244

*Undergraduate enrollment estimated from UPM-1.

PROJECTIONS OF GRADUATE ENROLLMENT

Many difficulties in estimating graduate enrollment are encountered. No specific age group can be isolated to use as a base for graduate students. Many graduate students are part-time or seasonal; thus, enrollment data is ambiguous. Graduate programs have grown much more rapidly in recent years, and new graduate programs in schools that previously had none have been introduced. The regional campuses of the state universities presented even greater difficulties for there seems to be little relationship between their undergraduate and graduate enrollments.

Estimates of graduate enrollment were made involving the relationship between graduate enrollment and the freshmen for the same year and the seniors for the preceding year. Two assumptions are involved. One is that the number of graduate students is dependent upon the number of college graduates available--that is, the seniors for the previous year. The other assumption is that the number of graduate students is dependent upon the number of assistantships available, which in turn is dependent upon the number of freshmen enrolled. On a statewide basis, these assumptions appear reasonable. However, for individual schools with graduate programs, and especially for the regional campuses, these assumptions may not be realistic since the migration and age of graduate students varies considerably.

A statewide estimate based on graduate students expressed as a percentage of freshmen plus seniors was made (Table 25). A linear projection of this percentage was accomplished and the extrapolated percentages obtained were applied to the undergraduate estimates, both UPM-1 and UPM-2 (Table 26, Figure 10). In addition, using the same method, estimates were made for each institution that offers graduate programs.

leading to graduate degrees. No attempt was made to estimate graduate enrollments in institutions that did not offer graduate degrees.

Further estimates were made for the regional campus graduate enrollments. Since one of the functions of a regional campus is to provide programs for the community in which it is located, the births for the appropriate county for the period that would correspond to the twenty-two- to thirty-five-year-old age group were tabulated. Graduate enrollments for the regional campuses were then expressed as percentages of the appropriate county twenty-two- to thirty-five-year-olds. While the individual schools will receive estimates of their graduate enrollments, with the regional campuses receiving the additional estimates based on county population, only the state total is presented in this report.

Graduate student enrollment has increased from 7,400 in 1951 to over 29,000 in 1967, or nearly four times. Based on this historical data, it seems that graduate enrollments could increase to 65,000 by 1985. This represents a graduate enrollment nearly 2 1/3 times as great as the enrollment in 1967. What effect public policies, such as draft laws and institutional changes, will have are not known at this time.

Any projection of the past into the future can be fallible. A generalized mathematical model, devised on specific historical data may or may not be pertinent in specific instances. Any additional information that can be supplied by individual schools should be utilized in making more refined estimates. In addition, periodic review of how closely or distantly the model fits actual experience is necessary. For any given year, the actual enrollment may fall above or below the estimated figure, but general trends should be observed for divergence of the estimates.

In planning facilities in the future, a study of long-term trends is necessary. As more data become available through the years, new estimates should be made to include this additional material.

Table 25 GRADUATE STUDENTS EXPRESSED AS A PERCENTAGE OF FRESHMEN FOR SAME YEAR PLUS SENIORS FOR PREVIOUS YEAR IN INDIANA COLLEGES AND UNIVERSITIES (1951-67)

School Year	(1) Freshmen + Seniors	(2) No. Graduates	(2) As Percent (1)
1951	26,623	8,914	33.48%
52	27,233	8,272	30.37
53	28,384	8,341	29.39
54	29,322	8,736	29.79
1955	31,304	9,407	30.05
56	33,305	9,847	29.57
57	34,869	10,650	30.54
58	37,607	12,054	32.05
59	39,314	13,582	34.55
1960	42,037	14,794	35.19
61	45,343	16,276	35.90
62	44,756	17,739	39.63
63	47,112	19,823	42.08
64	53,422	21,119	39.53
1965	62,376	23,589	37.82
66	61,949	27,420	44.26
67	66,003	29,574	44.81

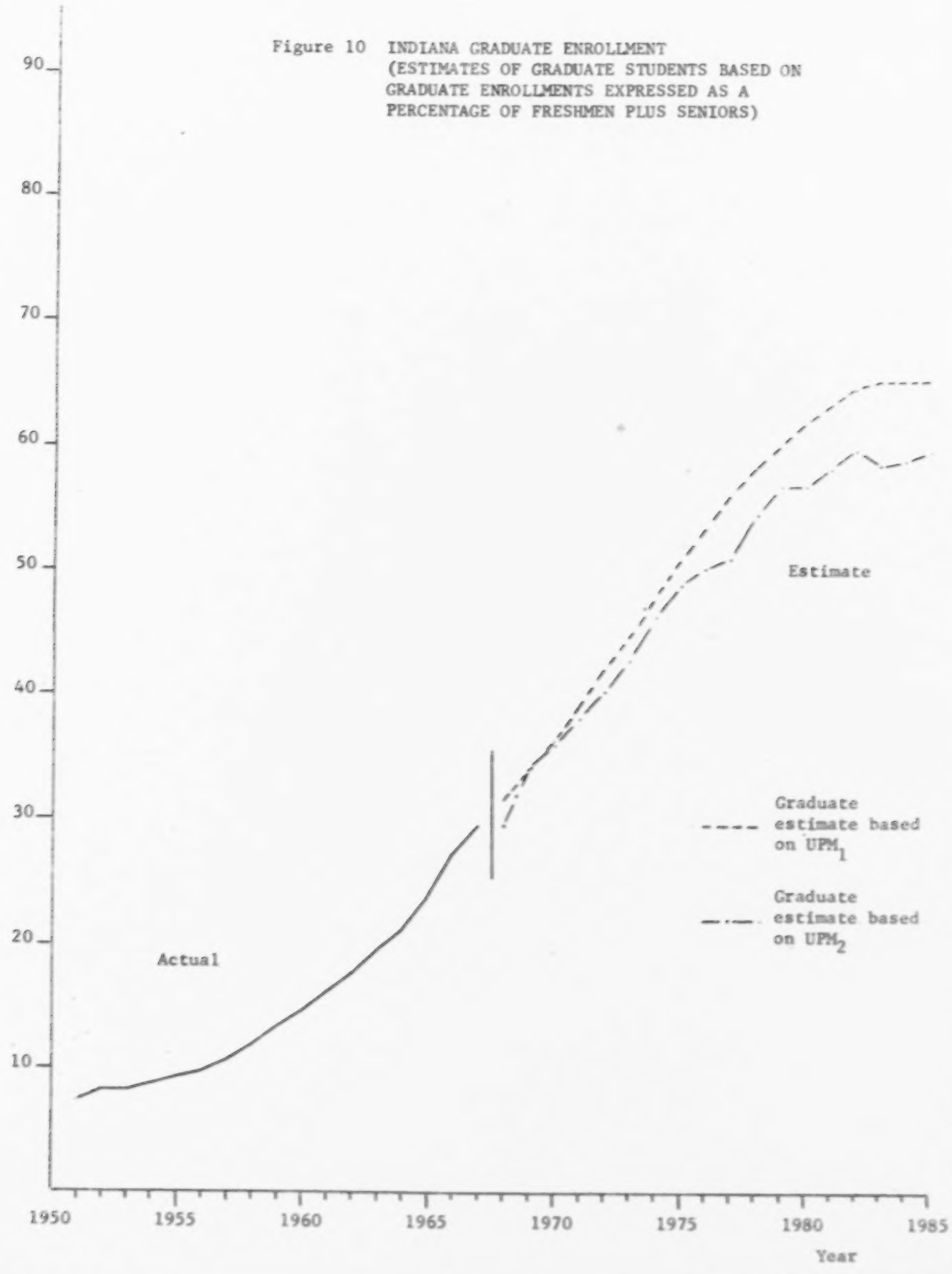
Table 26 ESTIMATED GRADUATE SCHOOL ENROLLMENTS FOR INDIANA COLLEGES AND UNIVERSITIES BASED ON PERCENTAGE OF FRESHMEN PLUS SENIORS (1968-85)

School Year	Est. Percent Grad. Students	Freshmen + Seniors*	Estimated Graduates*	Freshmen + Seniors†	Estimated Graduates†
1968	43.60%	72,512	31,617	67,532	29,445
69	44.53	76,196	33,931	76,376	34,011
1970	45.46	79,869	36,309	79,218	36,013
71	46.39	84,076	39,003	82,218	38,141
72	47.32	89,081	42,153	85,028	40,235
73	48.25	93,230	44,983	88,506	42,704
74	49.18	97,182	47,793	93,966	46,212
1975	50.11	101,548	50,884	97,276	48,744
76	51.04	104,968	53,574	98,204	50,121
77	51.97	108,084	56,169	99,884	51,907
78	52.90	110,443	58,421	103,189	54,584
79	53.83	111,960	60,264	105,360	56,712
1980	54.76	113,193	61,980	103,910	56,897
81	55.69	114,020	63,493	104,582	58,237
82	56.62	114,457	64,800	105,661	59,820
83	57.54	113,359	65,232	101,998	58,694
84	58.47	111,759	65,350	100,811	58,949
1985	59.40	110,060	65,380	100,385	59,633

*Estimates based on class percentages, UPM-1.

†Estimates based on advancement ratios, UPM-2.

Figure 10 INDIANA GRADUATE ENROLLMENT
(ESTIMATES OF GRADUATE STUDENTS BASED ON GRADUATE ENROLLMENTS EXPRESSED AS A PERCENTAGE OF FRESHMEN PLUS SENIORS)



APPENDIX A

BIRTHS BY GEOGRAPHIC AREA

Births by geographic area for each year, 1900 through 1965, are given on the following pages. Included in this tabulation are all counties and each city over 5,000 population at the time of the 1960 census. (It will be noted that data for many smaller cities are not available prior to 1960.)

Figures for 1936 and prior years are by place of birth, and starting with 1937, all data are by place of residence. In general, this change would result in a decrease of births assigned to cities and urban counties because births occurring in hospitals would be allocated to the county in which the parents lived rather than to the county and city in which the hospital was located. For example, prior to 1937 all births occurring in Indianapolis hospitals were assigned to Marion County, but in 1937 the practice of referring them to the parents' home county became effective. Because of the difficulty in obtaining population estimates for counties and cities, no birth rates are given.

APPENDIX A (Cont.)

INDIANA BIRTHS BY GEOGRAPHIC AREA

1900-65

NOTES:

Data are for each county and each city of over 5,000 population in 1960.

Where asterisk appears there is no satisfactory information for that year.

Births listed as "1900" are for the twelve-month period ending September 30, 1900.

Data are from the following sources:

State Board of Health occurrence	1900-16
U.S. government occurrence	1917-36
U.S. government residence	1937-46
State Board of Health residence	1947-65

APPENDIX A (Cont.)

RIPLEY

Year	INDIANA	Adams County	Decatur	Allen County	Ft. Wayne	Bartholomew County	Columbus	Benton County	Blackford County	Hartford City	Boone	Lebanon
1900	40,550	482	•	1,060	•	535	•	229	356	•	589	•
1901	41,724	498	•	1,156	•	556	•	236	452	•	489	•
1902	43,262	495	•	1,273	•	549	•	299	475	•	446	•
1903	44,016	479	•	1,289	•	469	•	228	551	•	521	•
1904	42,756	456	•	1,149	•	521	•	229	465	•	453	•
1905	44,114	397	•	1,250	•	487	•	241	471	•	528	•
1906	45,300	455	•	1,287	•	527	•	241	383	•	361	•
1907	49,112	478	•	1,504	•	581	•	211	371	•	417	•
1908	56,713	518	•	1,592	•	520	•	305	428	•	462	•
1909	54,445	528	•	1,566	•	524	•	280	354	•	513	•
1910	56,309	508	•	1,517	•	492	•	227	360	•	509	•
1911	56,970	520	•	1,761	•	479	•	251	336	•	486	•
1912	57,855	536	•	1,844	•	511	•	233	375	•	451	•
1913	59,180	542	•	2,096	•	461	•	281	363	•	514	•
1914	61,889	517	•	2,251	•	514	•	277	394	•	484	•
1915	61,850	541	•	2,138	•	524	•	285	389	•	483	•
1916	63,312	552	•	2,274	1,559	513	•	271	430	•	481	•
1917	63,144	502	•	2,414	1,727	461	•	281	338	•	498	•
1918	64,385	498	•	2,461	1,792	493	•	273	342	•	483	•
1919	59,256	409	•	2,175	1,597	428	•	266	317	•	428	•
1920	64,699	474	•	2,355	1,774	429	•	315	369	•	475	•
1921	68,246	510	•	2,487	1,916	492	•	279	358	•	515	•
1922	64,088	493	•	2,445	1,894	467	•	246	336	•	440	•
1923	65,534	484	•	2,679	2,123	454	•	243	318	•	407	•
1924	67,842	471	•	3,012	2,410	446	•	218	342	•	404	•
1925	64,342	474	•	2,859	2,361	443	•	225	324	•	356	•
1926	62,788	447	•	2,822	2,276	403	•	224	294	•	381	•
1927	62,298	441	•	2,729	2,161	412	•	164	282	•	340	•
1928	60,289	437	•	2,636	2,110	416	•	185	285	•	336	•
1929	58,830	392	•	2,564	2,092	450	•	193	253	•	314	•
1930	59,278	389	•	2,699	2,270	452	•	180	260	•	328	•
1931	55,973	389	•	2,515	2,030	408	•	159	264	•	290	•
1932	53,073	383	•	2,286	1,802	442	•	163	232	•	291	•
1933	50,480	373	•	2,202	1,770	401	•	133	239	•	290	•
1934	52,349	379	•	2,140	1,775	440	•	152	260	•	266	•
1935	52,909	382	•	2,287	1,837	450	•	96	248	•	304	•
1936	54,034	372	•	2,373	2,008	466	•	77	243	•	290	•
1937	55,825	395	•	2,363	1,849	509	•	120	268	•	308	•
1938	59,908	467	•	2,477	1,848	483	•	111	264	•	292	•
1939	58,183	411	•	2,399	1,740	549	•	99	285	•	314	•
1940	61,660	359	•	2,491	1,848	558	238	211	251	•	383	•
1941	65,594	445	•	2,787	2,095	606	267	196	264	•	376	•
1942	73,706	476	•	3,425	2,613	679	307	228	265	•	452	•
1943	74,672	485	•	3,517	2,667	717	343	231	281	•	378	•
1944	71,354	443	•	3,503	2,716	681	356	213	230	•	450	•
1945	68,444	448	•	3,316	2,525	641	333	236	213	•	420	•
1946	85,515	586	•	4,177	3,256	832	422	279	311	•	493	•
1947	95,758	669	•	4,707	3,645	912	477	305	368	•	531	•
1948	[illegible],131	611	•	4,574	3,498	847	382	292	317	•	513	•
1949	[illegible],949	637	•	4,760	3,569	838	464	311	307	•	497	•
1950	93,256	556	•	4,620	3,521	966	503	284	307	•	488	•
1951	101,099	665	•	5,006	3,853	1,094	534	294	345	•	548	•
1952	104,469	650	•	5,508	4,213	1,129	598	314	323	•	548	•
1953	105,723	625	•	5,727	4,332	1,193	644	303	309	•	514	•
1954	109,008	635	•	5,844	4,464	1,134	577	306	330	•	545	•
1955	108,430	611	•	5,803	4,318	1,167	671	289	331	•	618	•
1956	113,450	630	•	6,091	4,290	1,243	581	263	349	•	548	•
1957	115,727	637	•	6,079	4,111	1,312	606	298	359	•	593	•
1958	112,486	595	•	5,907	4,030	1,312	686	283	352	•	586	•
1959	112,670	602	•	6,068	4,178	1,318	615	282	335	•	627	•
1960	112,711	587	207	6,071	4,240	1,378	690	287	319	191	574	210
1961	113,208	612	207	6,125	4,486	1,304	705	263	362	196	613	213
1962	108,700	608	206	5,912	4,396	1,301	685	286	345	209	585	214
1963	106,956	595	204	5,803	4,330	1,335	665	243	351	195	604	222
1964	105,960	574	214	5,697	4,082	1,366	645	207	322	465	586	220
1965	98,075	533	169	5,343	3,781	1,304	664	227	320	156	519	167

APPENDIX A (Cont.)

BIRTHS

Year	Brown County	Carroll County	Cass	Logansport	Clark County	Charlestown	Clarksville	Jeffersonville	Clay County	Brazil	Clinton County	Frankfort
1900	195	267	333	*	418	*	*	*	334	*	477	*
1901	201	258	337	*	470	*	*	*	784	*	406	*
1902	212	248	388	*	528	*	*	*	767	*	434	*
1903	172	350	362	*	327	*	*	*	715	*	443	*
1904	192	338	352	*	413	*	*	*	561	*	448	*
1905	123	362	385	*	382	*	*	*	511	*	500	*
1906	147	328	468	*	431	*	*	*	354	*	466	*
1907	192	374	546	*	440	*	*	*	472	*	525	*
1908	191	394	632	*	560	*	*	*	322	*	565	*
1909	184	344	577	*	480	*	*	*	564	*	508	*
1910	172	333	716	*	557	*	*	*	729	*	500	*
1911	193	353	746	*	597	*	*	*	693	*	523	*
1912	176	341	766	*	609	*	*	*	676	*	513	*
1913	153	371	791	*	537	*	*	*	670	*	530	*
1914	157	362	764	*	527	*	*	*	689	*	581	*
1915	137	304	766	*	515	*	*	*	594	*	575	*
1916	153	335	789	455	492	*	*	148	602	*	557	*
1917	162	308	787	438	515	*	*	186	552	*	594	*
1918	164	351	828	480	555	*	*	219	609	*	642	*
1919	142	291	701	369	468	*	*	183	616	*	531	*
1920	138	349	774	471	583	*	*	195	652	*	575	263
1921	191	307	856	498	548	*	*	179	701	*	611	259
1922	163	337	738	391	567	*	*	217	662	*	585	272
1923	170	299	732	448	567	*	*	200	651	*	542	230
1924	166	322	728	427	553	*	*	238	633	*	598	297
1925	145	321	670	397	590	*	*	252	568	*	532	242
1926	142	248	622	340	590	*	*	249	572	*	476	225
1927	128	258	554	322	625	*	*	286	526	*	512	256
1928	115	236	531	311	583	*	*	263	522	*	479	262
1929	95	258	467	267	539	*	*	242	471	*	411	203
1930	121	206	523	323	550	*	*	199	472	*	476	251
1931	129	202	485	299	503	*	*	185	444	*	422	221
1932	143	206	501	304	508	*	*	166	423	*	415	236
1933	134	193	451	282	478	*	*	163	384	*	391	222
1934	114	204	512	304	476	*	*	183	378	*	473	287
1935	118	145	509	306	514	*	*	223	376	*	440	268
1936	126	205	546	339	455	*	*	193	430	*	462	268
1937	103	187	553	307	536	*	*	206	415	*	422	208
1938	136	170	605	333	588	*	*	266	374	*	468	228
1939	104	167	599	343	530	*	*	239	385	*	500	250
1940	134	253	587	342	591	*	*	209	382	*	482	238
1941	110	265	679	397	725	*	*	276	405	*	515	279
1942	104	245	682	433	902	*	*	355	345	*	571	280
1943	95	263	713	445	907	*	*	383	387	*	585	312
1944	91	293	683	405	834	*	*	367	403	*	550	276
1945	96	227	657	385	845	*	*	325	376	*	538	262
1946	112	328	739	447	1,172	*	*	431	463	*	606	312
1947	113	332	867	534	1,282	*	*	500	500	*	719	400
1948	105	333	836	519	1,242	*	*	459	504	*	698	384
1949	104	368	815	470	1,366	*	*	504	490	*	643	359
1950	103	322	805	468	1,336	*	*	454	481	*	633	357
1951	100	350	822	491	1,420	*	*	491	512	*	676	360
1952	111	342	828	483	1,455	*	*	504	472	*	663	342
1953	140	392	827	492	1,518	*	*	534	487	*	687	370
1954	114	320	795	453	1,559	*	*	606	465	*	667	366
1955	134	316	793	483	1,531	*	*	583	457	*	692	369
1956	115	320	910	543	1,623	*	*	580	498	*	673	364
1957	136	355	905	539	1,622	*	*	595	498	*	699	388
1958	126	331	874	472	1,608	*	*	666	431	*	662	345
1959	130	366	905	531	1,574	*	*	632	469	*	669	359
1960	121	367	917	480	1,554	165	211	617	448	184	627	349
1961	122	316	843	468	1,503	153	206	613	471	195	647	324
1962	121	327	805	454	1,469	173	227	561	430	168	637	346
1963	131	355	795	445	1,478	141	194	606	393	137	645	339
1964	155	308	810	433	1,398	141	196	568	400	133	598	296
1965	119	313	776	402	1,306	129	158	567	335	145	533	276

APPENDIX A (Cont.)

BIRTHS

Year	Clayford County	Daviess County	Washington	Dearborn County	Lawrenceburg	Decatur County	Greensburg	DeKalb County	Auburn	Delaware County	Muncie	Dubois County
1900	309	717	*	340	*	340	*	182	*	1,019	*	436
1901	262	643	*	332	*	340	*	370	*	993	*	452
1902	249	742	*	344	*	345	*	296	*	1,044	*	424
1903	246	650	*	376	*	346	*	291	*	1,056	*	439
1904	249	740	*	365	*	277	*	278	*	992	*	377
1905	226	717	*	375	*	347	*	277	*	1,127	*	298
1906	248	691	*	330	*	377	*	258	*	1,188	*	414
1907	215	748	*	341	*	386	*	374	*	1,238	*	338
1908	283	788	*	419	*	405	*	484	*	1,168	*	460
1909	254	771	*	357	*	390	*	426	*	1,142	*	522
1910	224	760	*	336	*	374	*	499	*	1,138	*	543
1911	287	746	*	406	*	329	*	516	*	1,038	*	516
1912	260	761	*	410	*	361	*	435	*	1,082	*	509
1913	263	726	*	396	*	361	*	501	*	1,078	*	540
1914	254	695	*	387	*	350	*	512	*	1,129	*	540
1915	311	685	*	411	*	362	*	507	*	1,037	*	545
1916	250	663	*	395	*	370	*	567	*	1,220	608	520
1917	263	653	*	394	*	346	*	497	*	1,184	587	549
1918	267	653	*	399	*	317	*	532	*	1,221	684	484
1919	249	671	*	371	*	334	*	413	*	1,044	611	409
1920	253	715	*	402	*	372	*	520	*	1,260	842	523
1921	254	701	*	455	*	315	*	557	*	1,185	775	442
1922	256	708	*	451	*	351	*	536	*	1,118	750	455
1923	264	664	*	384	*	292	*	503	*	1,218	814	443
1924	253	701	*	446	*	349	*	550	*	1,251	884	463
1925	254	619	*	429	*	284	*	490	*	1,181	819	466
1926	237	608	*	405	*	289	*	435	*	1,151	814	442
1927	226	576	*	426	*	295	*	498	*	1,239	899	458
1928	239	510	*	398	*	316	*	446	*	1,220	888	451
1929	203	461	*	383	*	304	*	411	*	1,326	996	393
1930	237	533	*	365	*	285	*	444	*	1,308	977	417
1931	223	469	*	336	*	336	*	411	*	1,212	922	367
1932	230	507	*	318	*	303	*	415	*	1,195	899	367
1933	221	484	*	309	*	303	*	422	*	1,100	858	346
1934	213	502	*	304	*	279	*	348	*	1,113	895	351
1935	201	512	*	307	*	277	*	333	*	1,119	922	416
1936	192	551	*	296	*	279	*	397	*	1,227	1,003	394
1937	171	516	*	315	*	330	*	394	*	1,357	984	448
1938	204	580	*	359	*	297	*	412	*	1,570	1,151	459
1939	191	526	*	306	*	317	*	429	*	1,420	987	474
1940	210	526	*	424	*	309	*	446	*	1,464	1,033	489
1941	205	538	*	427	*	336	*	446	*	1,648	1,153	490
1942	184	643	*	458	*	327	*	510	*	1,822	1,289	518
1943	193	596	*	451	*	324	*	464	*	1,777	1,305	516
1944	164	582	*	414	*	358	*	501	*	1,783	1,247	457
1945	162	574	*	380	*	307	*	501	*	1,671	1,206	376
1946	213	576	*	517	*	428	*	527	*	2,051	1,506	569
1947	234	609	*	382	*	483	*	588	*	2,359	1,731	594
1948	222	562	*	561	*	463	*	518	*	2,291	1,699	654
1949	201	588	*	582	*	447	*	616	*	2,191	1,650	661
1950	178	539	*	624	*	412	*	564	*	2,226	1,651	647
1951	174	551	218	644	*	440	*	606	*	2,341	1,735	681
1952	142	548	227	635	*	453	*	609	*	2,459	1,891	752
1953	179	597	224	620	*	417	*	600	*	2,352	1,806	739
1954	158	560	211	663	*	469	*	638	*	2,547	1,960	726
1955	166	557	220	619	*	452	*	623	*	2,602	1,954	752
1956	151	608	219	657	*	452	*	685	*	2,667	1,669	776
1957	156	562	191	640	*	506	*	636	*	2,701	1,838	802
1958	159	502	219	597	*	499	*	645	*	2,591	1,739	779
1959	148	530	250	637	*	501	*	636	*	2,570	1,724	776
1960	154	502	231	672	197	496	166	634	137	2,616	1,752	763
1961	178	491	239	702	198	500	189	600	136	2,704	1,779	813
1962	145	509	253	670	172	472	153	619	164	2,564	1,667	781
1963	162	461	258	638	170	482	156	622	157	2,573	1,660	753
1964	144	501	263	606	174	490	163	636	149	2,662	1,671	720
1965	132	418	206	573	157	474	152	585	128	2,460	1,566	730

APPENDIX A (Cont.)

BIRTHS

Year	Jasper	Elkhart County	Elkhart	Goshen	Fayette County	Connersville	Floyd County	New Albany	Fountain County	Franklin County	Fulton County	Gibson County
1900	*	384	*	*	190	*	299	*	317	244	295	580
1901	*	430	*	*	207	*	293	*	290	261	267	593
1902	*	453	*	*	212	*	289	*	305	192	235	599
1903	*	7	*	*	247	*	257	*	333	202	255	624
1904	*	640	*	*	251	*	290	*	348	216	253	595
1905	*	643	*	*	259	*	406	*	346	194	260	657
1906	*	730	*	*	250	*	390	*	343	217	237	483
1907	*	768	*	*	301	*	387	*	387	230	295	581
1908	*	992	*	*	307	*	463	*	426	301	346	699
1909	*	988	*	*	277	*	519	*	417	278	346	746
1910	*	988	*	*	282	*	519	*	406	279	340	682
1911	*	1,027	*	*	316	*	581	*	392	248	355	732
1912	*	1,031	*	*	268	*	532	*	403	286	334	713
1913	*	1,056	*	*	289	*	563	*	449	260	368	667
1914	*	1,136	*	*	294	*	542	*	391	267	398	649
1915	*	1,061	*	*	290	*	523	*	424	301	396	678
1916	*	1,209	473	*	336	*	546	403	426	307	391	698
1917	*	1,225	538	*	356	*	508	392	396	290	322	694
1918	*	1,420	631	*	378	*	571	447	444	262	331	688
1919	*	1,239	595	*	339	*	552	414	382	283	334	600
1920	*	1,286	550	*	406	*	616	496	426	277	311	634
1921	*	1,372	584	*	375	*	646	490	424	335	344	683
1922	*	1,280	570	*	334	*	630	497	406	310	334	681
1923	*	1,340	612	*	376	*	633	501	356	320	274	717
1924	*	1,358	622	*	376	*	680	539	361	279	311	736
1925	*	1,317	604	*	362	*	684	545	340	271	239	668
1926	*	1,380	644	*	377	*	663	527	313	290	242	615
1927	*	1,308	642	*	322	*	658	519	289	291	242	585
1928	*	1,306	640	*	369	*	650	524	264	322	241	594
1929	*	1,286	603	*	416	*	662	544	269	289	240	505
1930	*	1,269	642	228	390	290	649	531	298	282	255	544
1931	*	1,116	525	211	363	262	582	433	290	298	251	484
1932	*	1,104	501	211	348	243	499	378	267	262	257	523
1933	*	1,065	469	191	311	216	481	348	261	243	266	515
1934	*	1,019	458	216	384	273	506	391	251	232	289	494
1935	*	1,125	514	229	359	281	519	419	237	203	252	524
1936	*	1,160	553	234	417	323	479	394	265	230	255	484
1937	*	1,200	537	208	420	287	554	415	265	213	242	549
1938	*	1,314	581	223	428	278	604	428	293	197	258	548
1939	*	1,218	517	225	399	242	626	445	280	192	275	509
1940	*	1,219	482	233	341	229	601	476	311	277	295	551
1941	*	1,451	605	262	433	280	659	500	294	244	268	515
1942	*	1,657	698	306	509	370	830	632	353	279	275	496
1943	*	1,723	722	293	473	337	850	659	359	254	257	590
1944	*	1,558	623	267	435	332	736	558	336	245	276	600
1945	*	1,515	648	269	436	356	803	625	290	257	289	549
1946	*	1,963	856	352	531	385	1,028	825	372	297	303	664
1947	*	2,193	982	349	565	389	1,100	854	355	322	353	684
1948	*	2,034	864	332	524	357	1,046	818	368	368	330	675
1949	*	2,125	846	322	609	415	1,068	812	373	395	328	648
1950	*	2,185	970	306	555	373	1,037	755	341	361	340	660
1951	*	2,281	1,003	314	639	430	1,171	847	410	396	376	685
1952	*	2,363	1,068	338	603	419	1,202	869	390	367	385	721
1953	*	2,431	1,137	290	627	442	1,343	1,019	377	409	339	746
1954	*	2,426	1,144	326	622	412	1,268	933	350	408	350	766
1955	*	2,434	1,179	306	621	425	1,287	959	408	422	326	659
1956	*	2,420	1,080	311	633	427	1,384	983	404	403	355	716
1957	*	2,468	1,123	317	649	461	1,309	965	436	426	371	701
1958	*	2,472	1,138	320	569	406	1,253	947	375	377	363	711
1959	*	2,561	1,171	364	566	397	1,255	945	447	391	339	628
1960	131	2,560	1,185	375	548	378	1,262	913	446	382	358	639
1961	178	2,553	1,220	367	541	387	1,158	912	369	335	333	608
1962	161	2,496	1,149	335	494	336	1,124	877	418	343	339	580
1963	126	2,492	998	329	516	378	1,174	918	383	369	333	566
1964	120	2,431	934	325	506	399	1,121	881	422	367	303	596
1965	117	2,370	949	307	535	394	1,030	815	368	346	262	513

APPENDIX A (Cont.)

BIRTHS

Year	Princeton	Grant County	Marion	Greene County	Linton	Hamilton County	Noblesville	Hancock County	Greenfield	Harrison County	Hendricks County	Plainfield
1900	*	833	*	540	*	542	*	382	*	417	349	*
1901	*	887	*	472	*	561	*	363	*	369	323	*
1902	*	694	*	517	*	574	*	375	*	320	324	*
1903	*	1,113	*	458	*	501	*	364	*	364	369	*
1904	*	1,028	*	426	*	463	*	321	*	353	329	*
1905	*	763	*	490	*	485	*	389	*	312	399	*
1906	*	626	*	643	*	499	*	271	*	342	366	*
1907	*	925	*	825	*	507	*	336	*	398	429	*
1908	*	1,141	*	921	*	594	*	391	*	449	434	*
1909	*	1,014	*	843	*	522	*	344	*	454	402	*
1910	*	1,034	*	956	*	546	*	328	*	441	330	*
1911	*	1,006	*	960	*	487	*	361	*	406	411	*
1912	*	997	*	905	*	531	*	316	*	429	404	*
1913	*	985	*	786	*	505	*	328	*	380	373	*
1914	*	1,095	*	895	*	543	*	341	*	434	397	*
1915	*	1,089	*	814	*	553	*	339	*	415	387	*
1916	*	1,064	502	835	*	552	*	328	*	428	356	*
1917	*	1,113	536	839	*	502	*	321	*	430	392	*
1918	*	1,160	481	806	*	489	*	349	*	339	397	*
1919	*	1,059	496	826	*	424	*	328	*	344	360	*
1920	*	1,148	551	859	*	484	*	306	*	390	371	*
1921	*	1,171	541	854	*	520	*	329	*	437	401	*
1922	*	1,093	549	891	*	465	*	307	*	362	396	*
1923	*	1,085	551	881	*	433	*	289	*	364	354	*
1924	*	1,090	557	827	*	479	*	307	*	370	343	*
1925	*	1,011	519	787	*	447	*	266	*	339	319	*
1926	*	966	466	675	*	422	*	254	*	362	326	*
1927	*	962	488	669	*	364	*	256	*	363	270	*
1928	*	955	518	654	*	351	*	234	*	322	241	*
1929	*	974	532	610	*	327	*	247	*	294	226	*
1930	*	902	503	571	*	326	*	217	*	320	204	*
1931	*	941	515	515	*	290	*	211	*	298	243	*
1932	*	821	433	544	*	322	*	233	*	328	210	*
1933	*	822	448	506	*	295	*	189	*	297	206	*
1934	*	978	489	510	*	305	*	226	*	296	200	*
1935	*	938	525	564	*	289	*	210	*	304	227	*
1936	*	929	580	528	*	300	*	196	*	257	176	*
1937	*	948	493	509	*	339	*	238	*	304	245	*
1938	*	1,032	542	511	*	364	*	223	*	283	160	*
1939	*	1,045	525	476	*	335	*	240	*	260	186	*
1940	*	1,064	583	527	*	428	*	297	*	330	299	*
1941	*	1,183	642	542	*	413	*	285	*	349	333	*
1942	*	1,221	653	531	*	478	*	375	*	423	325	*
1943	*	1,230	683	539	*	517	*	333	*	386	409	*
1944	*	1,156	644	454	*	453	*	319	*	346	404	*
1945	*	1,147	620	413	*	448	*	322	*	317	359	*
1946	*	1,418	801	674	*	593	*	375	*	394	440	*
1947	*	1,579	906	762	*	663	*	460	*	436	477	*
1948	*	1,513	866	563	*	655	*	420	*	409	478	*
1949	*	1,451	841	588	*	638	*	443	*	413	522	*
1950	*	1,364	797	559	*	639	*	398	*	402	524	*
1951	*	1,428	867	516	*	687	*	496	*	409	612	*
1952	*	1,539	923	574	*	753	*	507	*	403	667	*
1953	*	1,575	920	513	*	767	*	514	*	378	663	*
1954	*	1,658	976	534	*	786	*	548	*	410	746	*
1955	*	1,736	1,091	484	*	811	*	533	*	433	829	*
1956	*	1,810	1,088	501	*	863	*	684	*	411	944	*
1957	*	1,956	1,214	453	*	984	*	660	*	415	1,013	*
1958	*	1,983	1,202	493	*	921	*	648	*	416	992	*
1959	*	1,927	1,091	440	*	993	*	689	*	418	1,024	*
1960	144	1,992	1,135	428	82	930	222	663	259	414	1,043	137
1961	143	2,024	1,111	491	74	955	193	661	251	462	1,048	115
1962	145	1,908	1,062	438	76	919	201	678	242	389	1,068	115
1963	146	1,905	1,080	448	79	949	184	693	261	397	1,045	106
1964	130	1,752	1,005	486	84	946	203	649	238	396	1,066	136
1965	140	1,656	934	456	90	895	197	624	217	335	919	103

APPENDIX A (Cont.)

BIRTHS

Year	Henry County	New Castle	Howard County	Kokomo	Huntington County	Huntington	Jackson County	Seymour	Jasper County	Jay County	Portland	Jefferson County
1900	534	*	514	*	383	*	545	*	246	491	*	259
1901	555	*	509	*	462	*	564	*	225	560	*	263
1902	539	*	539	*	532	*	567	*	271	576	*	255
1903	535	*	515	*	558	*	484	*	180	558	*	236
1904	462	*	479	*	533	*	661	*	181	592	*	189
1905	493	*	520	*	635	*	551	*	173	621	*	225
1906	549	*	482	*	660	*	562	*	207	673	*	316
1907	464	*	490	*	591	*	593	*	209	618	*	348
1908	644	*	658	*	653	*	656	*	230	631	*	437
1909	612	*	573	*	600	*	603	*	224	563	*	437
1910	671	*	710	*	642	*	693	*	259	583	*	422
1911	650	*	695	*	625	*	579	*	259	558	*	396
1912	691	*	688	*	695	*	575	*	297	553	*	377
1913	572	*	759	*	698	*	552	*	291	513	*	353
1914	594	*	752	*	746	*	540	*	349	584	*	335
1915	672	*	849	*	662	*	561	*	259	565	*	396
1916	674	*	960	607	707	306	554	*	322	548	*	392
1917	696	*	983	628	661	305	562	*	315	511	*	362
1918	716	*	984	610	715	316	538	*	350	535	*	407
1919	632	*	967	661	630	319	516	*	280	469	*	371
1920	703	365	1,031	722	649	287	562	*	331	517	*	359
1921	682	293	1,107	785	784	364	590	*	367	550	*	422
1922	661	315	1,007	706	705	347	556	*	335	500	*	376
1923	598	296	1,100	792	631	345	561	*	330	448	*	444
1924	649	315	1,114	805	673	370	548	*	330	426	*	379
1925	644	349	1,014	773	660	345	519	*	285	393	*	378
1926	684	383	1,006	751	556	280	470	*	287	428	*	335
1927	672	341	959	674	512	263	498	*	277	398	*	355
1928	667	374	893	614	526	263	433	*	284	369	*	294
1929	691	357	935	674	458	245	470	*	261	353	*	284
1930	645	330	909	603	454	246	435	*	279	331	*	288
1931	609	264	835	604	502	267	455	*	276	300	*	260
1932	608	246	818	605	443	214	468	*	267	335	*	332
1933	590	267	730	552	457	232	457	*	259	323	*	301
1934	681	297	790	616	476	274	511	*	304	300	*	272
1935	673	305	816	654	476	256	508	*	253	309	*	257
1936	668	281	814	616	519	303	497	*	300	338	*	285
1937	713	340	821	636	515	271	516	*	291	363	*	311
1938	697	325	945	723	468	258	540	*	341	388	*	291
1939	699	294	957	745	506	260	510	*	337	358	*	330
1940	805	375	1,027	778	520	296	551	*	309	398	*	311
1941	810	352	1,050	786	480	266	515	*	317	469	*	362
1942	847	356	1,036	751	569	290	526	*	342	417	*	421
1943	884	413	1,121	865	579	307	617	*	355	434	*	405
1944	939	417	1,101	809	547	266	634	*	348	443	*	373
1945	801	381	1,067	798	521	251	543	*	305	413	*	341
1946	1,031	522	1,261	949	676	381	641	*	375	507	*	458
1947	1,180	642	1,471	1,103	725	401	803	*	440	582	*	509
1948	1,075	543	1,387	1,048	720	388	639	*	415	514	*	453
1949	1,040	540	1,406	1,101	730	373	660	*	404	488	*	447
1950	1,060	570	1,419	1,083	667	324	651	*	402	497	*	464
1951	1,202	633	1,436	1,160	719	351	656	*	448	552	*	480
1952	1,157	616	1,470	1,121	784	395	693	*	489	554	*	456
1953	1,221	626	1,447	1,099	723	371	741	*	418	540	*	470
1954	1,186	625	1,543	1,162	787	390	682	*	451	563	*	530
1955	1,202	623	1,590	1,252	787	409	683	*	404	481	*	545
1956	1,232	571	1,740	1,272	812	405	753	*	447	458	*	522
1957	1,143	514	1,915	1,407	790	406	776	*	479	497	*	531
1958	1,096	540	1,815	1,356	810	436	680	*	453	462	*	535
1959	1,040	486	1,880	1,400	797	431	732	*	501	480	*	534
1960	1,084	473	1,881	1,403	776	410	724	269	442	406	151	527
1961	1,097	532	1,907	1,457	730	396	743	360	432	510	140	485
1962	1,018	481	1,890	1,391	773	405	692	276	444	502	164	567
1963	974	460	1,905	1,388	735	402	694	287	423	489	137	496
1964	1,078	500	1,904	1,387	670	348	693	278	418	478	147	545
1965	976	521	1,781	1,272	579	349	687	272	334	458	133	393

APPENDIX A (Cont.)

BIRTHS

Year	Madison	Jennings County	Johnson County	Franklin	Greenwood	Knox County	Vincennes	Kosciusko County	Warsaw	LaGrange County	Lake County	Cedar Lake
1900	*	287	241	*	*	683	*	369	*	238	363	*
1901	*	233	217	*	*	819	*	442	*	283	466	*
1902	*	280	235	*	*	860	*	506	*	324	437	*
1903	*	294	225	*	*	937	*	468	*	354	545	*
1904	*	244	225	*	*	949	*	450	*	339	724	*
1905	*	288	261	*	*	1,031	*	422	*	369	720	*
1906	*	333	219	*	*	1,022	*	452	*	400	813	*
1907	*	331	320	*	*	926	*	463	*	360	1,028	*
1908	*	369	424	*	*	957	*	631	*	357	1,343	*
1909	*	354	423	*	*	978	*	543	*	335	1,446	*
1910	*	348	391	*	*	1,053	*	542	*	334	1,726	*
1911	*	321	396	*	*	1,065	*	522	*	336	1,809	*
1912	*	267	427	*	*	982	*	579	*	363	2,161	*
1913	*	301	395	*	*	1,046	*	568	*	340	2,929	*
1914	*	294	402	*	*	1,032	*	663	*	356	4,032	*
1915	*	303	438	*	*	1,083	*	611	*	340	3,919	*
1916	*	299	462	*	*	1,071	362	598	*	345	4,446	*
1917	*	290	423	*	*	1,098	391	612	*	318	4,497	*
1918	*	289	391	*	*	1,082	360	598	*	313	4,784	*
1919	*	267	398	*	*	1,060	356	537	*	282	4,502	*
1920	*	279	407	*	*	1,137	415	600	*	269	4,595	*
1921	*	291	443	*	*	1,201	458	621	*	255	4,746	*
1922	*	285	395	*	*	1,150	437	589	*	256	4,300	*
1923	*	281	381	*	*	1,142	416	567	*	242	4,486	*
1924	*	292	370	*	*	1,172	448	550	*	244	5,053	*
1925	*	264	389	*	*	1,114	445	494	*	211	5,003	*
1926	*	250	404	*	*	935	381	500	*	192	5,309	*
1927	*	249	363	*	*	1,027	417	479	*	240	5,524	*
1928	*	212	377	*	*	863	355	489	*	209	5,227	*
1929	*	193	331	*	*	757	319	451	*	204	5,357	*
1930	*	225	344	*	*	808	347	476	*	232	5,593	*
1931	*	205	331	*	*	780	341	548	*	217	5,133	*
1932	*	206	308	*	*	818	350	466	*	252	4,175	*
1933	*	197	265	*	*	652	288	511	*	233	3,974	*
1934	*	225	299	*	*	772	336	482	*	230	4,265	*
1935	*	222	316	*	*	785	313	478	*	258	4,453	*
1936	*	204	282	*	*	745	345	481	*	223	4,729	*
1937	*	194	331	*	*	780	344	510	*	212	4,999	*
1938	*	238	339	*	*	835	372	511	*	238	5,580	*
1939	*	243	292	*	*	785	343	481	*	298	5,172	*
1940	*	227	376	*	*	817	319	521	*	309	5,819	*
1941	*	225	389	*	*	755	319	532	*	323	6,564	*
1942	*	259	437	*	*	860	406	561	*	305	7,615	*
1943	*	259	577	*	*	858	391	553	*	319	7,318	*
1944	*	245	498	*	*	888	415	578	*	292	6,608	*
1945	*	243	486	*	*	879	408	575	*	322	6,524	*
1946	*	275	595	*	*	1,005	493	687	*	376	7,995	*
1947	*	283	644	*	*	961	472	728	*	394	9,273	*
1948	*	283	612	*	*	936	429	765	*	364	9,146	*
1949	*	305	606	*	*	899	441	759	*	429	9,975	*
1950	*	271	614	*	*	934	442	748	*	397	9,876	*
1951	*	314	879	*	*	973	460	840	*	391	10,829	*
1952	*	344	1,057	*	*	943	460	792	*	428	11,502	*
1953	*	324	1,222	*	*	937	446	765	*	439	11,928	*
1954	*	348	957	*	*	907	422	816	*	432	12,932	*
1955	*	332	968	*	*	905	434	849	*	404	13,109	*
1956	*	357	1,059	*	*	917	463	875	*	409	14,371	*
1957	*	339	1,137	*	*	884	492	851	*	478	14,958	*
1958	*	357	1,097	*	*	844	467	864	*	401	14,484	*
1959	*	359	1,205	*	*	813	457	870	*	474	14,175	*
1960	274	362	1,239	247	227	843	477	950	157	469	14,305	112
1961	257	355	1,219	217	213	826	431	944	202	459	13,742	115
1962	285	318	1,245	241	209	782	421	953	234	477	13,075	95
1963	268	342	1,233	248	181	774	427	951	247	475	12,260	21
1964	300	357	1,281	247	214	780	395	881	226	490	12,157	18
1965	191	371	1,086	229	154	602	342	852	185	449	11,436	31

APPENDIX A (Cont.)

BIKES

Year	Crown Point	East Chicago	East Gary	Gary	Griffith	Hammond	Highland	Hobart	Munster	Whiting	LaPorte County	LaPorte
1900	*	*	*	*	*	*	*	*	*	*	663	*
1901	*	*	*	*	*	*	*	*	*	*	647	*
1902	*	*	*	*	*	*	*	*	*	*	768	*
1903	*	*	*	*	*	*	*	*	*	*	746	*
1904	*	*	*	*	*	*	*	*	*	*	817	*
1905	*	*	*	*	*	*	*	*	*	*	754	*
1906	*	*	*	*	*	*	*	*	*	*	775	*
1907	*	*	*	*	*	*	*	*	*	*	781	*
1908	*	*	*	*	*	*	*	*	*	*	1,001	*
1909	*	*	*	*	*	*	*	*	*	*	889	*
1910	*	*	*	*	*	*	*	*	*	*	942	*
1911	*	*	*	*	*	*	*	*	*	*	919	*
1912	*	*	*	*	*	*	*	*	*	*	1,048	*
1913	*	*	*	*	*	*	*	*	*	*	1,082	*
1914	*	*	*	*	*	*	*	*	*	*	1,186	*
1915	*	*	*	*	*	*	*	*	*	*	1,199	*
1916	*	1,196	*	1,431	*	859	*	*	*	*	1,115	364
1917	*	1,193	*	1,509	*	853	*	*	*	*	1,193	390
1918	*	1,176	*	1,739	*	965	*	*	*	*	1,139	355
1919	*	1,224	*	1,625	*	875	*	*	*	*	1,065	353
1920	*	1,138	*	1,662	*	976	*	*	*	334	1,139	334
1921	*	1,122	*	1,817	*	991	*	*	*	306	1,249	412
1922	*	970	*	1,580	*	1,004	*	*	*	259	1,179	371
1923	*	1,032	*	1,692	*	1,103	*	*	*	221	1,175	363
1924	*	1,068	*	1,996	*	1,310	*	*	*	254	1,285	423
1925	*	1,073	*	1,998	*	1,275	*	*	*	211	1,217	403
1926	*	1,128	*	2,167	*	1,356	*	*	*	231	1,202	451
1927	*	1,107	*	2,373	*	1,396	*	*	*	203	1,106	369
1928	*	1,114	*	2,134	*	1,334	*	*	*	192	1,108	383
1929	*	1,271	*	2,144	*	1,408	*	*	*	171	1,093	363
1930	*	1,282	*	2,301	*	1,452	*	*	*	157	1,119	390
1931	*	1,152	*	2,095	*	1,301	*	*	*	153	1,028	349
1932	*	913	*	1,691	*	1,015	*	*	*	109	949	333
1933	*	801	*	1,561	*	1,137	*	*	*	84	918	335
1934	*	913	*	1,782	*	1,108	*	*	*	86	948	358
1935	*	973	*	1,873	*	1,205	*	*	*	82	964	354
1936	*	1,058	*	2,017	*	1,303	*	*	*	55	959	384
1937	*	970	*	2,018	*	1,101	*	*	*	283	957	340
1938	*	1,069	*	2,138	*	1,154	*	*	*	341	1,143	329
1939	*	1,005	*	1,962	*	1,059	*	*	*	295	1,069	310
1940	*	1,034	*	2,298	*	1,160	*	*	*	322	1,064	307
1941	*	1,177	*	2,571	*	1,318	*	*	*	358	1,181	331
1942	*	1,344	*	2,894	*	1,583	*	*	*	452	1,612	483
1943	*	1,216	*	2,905	*	1,487	*	*	*	411	1,492	435
1944	*	1,112	*	2,700	*	1,284	*	*	*	305	1,341	430
1945	*	1,023	*	2,675	*	1,314	*	*	*	352	1,308	393
1946	*	1,397	*	3,202	*	1,677	*	*	*	440	1,634	504
1947	*	1,372	*	3,704	*	2,041	*	*	*	541	1,824	556
1948	*	1,366	*	3,918	*	1,841	*	*	*	431	1,789	495
1949	*	1,525	*	4,209	*	1,993	*	*	*	516	1,753	520
1950	*	1,477	*	4,317	*	1,891	*	*	*	486	1,759	473
1951	*	1,578	*	4,734	*	2,053	*	257	*	*	2,035	558
1952	*	1,642	*	5,132	*	2,079	*	287	*	*	2,053	572
1953	*	1,695	*	5,457	*	2,178	*	283	*	*	2,133	553
1954	*	1,775	*	5,690	*	2,409	*	361	*	*	2,172	532
1955	*	1,730	*	5,757	*	2,572	*	360	*	*	2,104	558
1956	*	1,920	*	6,073	*	2,627	*	405	*	*	2,080	505
1957	*	1,891	*	6,176	*	2,605	*	500	*	*	2,156	556
1958	*	1,858	*	5,964	*	2,616	*	475	*	*	2,119	492
1959	*	1,653	*	5,716	*	2,606	*	537	*	*	2,126	470
1960	340	1,844	337	5,803	368	2,674	502	533	220	431	2,101	458
1961	357	1,674	315	5,356	395	2,585	438	564	214	412	2,124	449
1962	377	1,435	338	5,209	391	2,442	471	563	213	386	2,174	488
1963	375	1,334	290	4,804	393	2,335	478	445	220	341	2,161	469
1964	384	1,215	290	4,740	418	2,218	496	401	204	387	2,151	465
1965	350	1,146	278	4,600	383	2,174	448	452	167	343	2,046	485

APPENDIX A (Cont.)

BIRTHS

Year	Michigan City	Lawrence County	Bedford	Madison County	Alexandria	Anderson	Elwood	Marion County	Beech Grove	Indianapolis	Lawrence	Speedway
1900	*	446	*	1,632	*	*	*	3,743	*	*	*	*
1901	*	438	*	1,673	*	*	*	3,678	*	*	*	*
1902	*	578	*	1,831	*	*	*	3,862	*	*	*	*
1903	*	565	*	1,650	*	*	*	4,032	*	*	*	*
1904	*	520	*	1,323	*	*	*	4,148	*	*	*	*
1905	*	579	*	1,436	*	*	*	4,477	*	*	*	*
1906	*	670	*	1,196	*	*	*	4,529	*	*	*	*
1907	*	771	*	1,290	*	*	*	4,823	*	*	*	*
1908	*	840	*	1,444	*	*	*	5,208	*	*	*	*
1909	*	758	*	1,357	*	*	*	4,980	*	*	*	*
1910	*	808	*	1,535	*	*	*	5,208	*	*	*	*
1911	*	821	*	1,423	*	*	*	5,435	*	*	*	*
1912	*	875	*	1,433	*	*	*	5,462	*	*	*	*
1913	*	879	*	1,415	*	*	*	6,028	*	*	*	*
1914	*	819	*	1,391	*	*	*	6,053	*	*	*	*
1915	*	821	*	1,441	*	*	*	5,819	*	*	*	*
1916	455	840	*	1,445	*	563	257	6,179	*	5,560	*	*
1917	477	739	*	1,511	*	631	292	6,580	*	5,955	*	*
1918	460	691	*	1,434	*	520	297	6,752	*	6,196	*	*
1919	422	641	*	1,384	*	553	253	6,375	*	5,829	*	*
1920	516	801	*	1,616	*	655	298	7,527	*	6,848	*	*
1921	523	866	*	1,586	*	645	264	7,767	*	7,051	*	*
1922	528	891	*	1,407	*	575	280	7,357	*	6,655	*	*
1923	557	1,000	*	1,446	*	648	271	7,893	*	7,068	*	*
1924	584	1,109	*	1,507	*	698	263	8,183	*	7,332	*	*
1925	555	1,016	*	1,531	*	727	284	7,759	*	6,890	*	*
1926	535	993	*	1,487	*	740	262	7,744	*	6,860	*	*
1927	510	952	*	1,525	*	758	274	7,621	*	6,736	*	*
1928	520	914	*	1,572	*	847	247	7,492	*	6,608	*	*
1929	524	843	*	1,530	*	843	231	7,838	*	6,931	*	*
1930	501	839	299	1,572	*	849	261	7,741	*	6,806	*	*
1931	488	791	265	1,420	*	772	239	7,453	*	6,586	*	*
1932	412	747	237	1,292	*	681	218	6,797	*	5,969	*	*
1933	382	718	216	1,257	*	682	205	6,374	*	5,490	*	*
1934	399	663	206	1,300	*	658	250	6,802	*	5,813	*	*
1935	386	681	248	1,464	*	684	305	6,835	*	5,866	*	*
1936	406	734	243	1,399	*	641	293	6,997	*	5,932	*	*
1937	389	668	215	1,425	*	633	243	7,034	*	6,195	*	*
1938	452	726	234	1,660	*	773	266	7,964	*	6,655	*	*
1939	406	695	232	1,527	*	750	243	7,779	*	6,495	*	*
1940	401	756	254	1,557	*	744	259	8,121	*	7,230	*	*
1941	437	726	255	1,761	*	914	245	8,899	*	7,951	*	*
1942	614	784	299	2,024	*	1,046	254	10,519	*	9,481	*	*
1943	559	793	310	2,170	*	1,096	262	10,552	*	9,500	*	*
1944	455	740	298	2,044	*	1,046	268	10,073	*	9,094	*	*
1945	436	675	257	1,973	*	1,006	263	9,900	*	8,866	*	*
1946	616	879	338	2,340	*	1,213	276	12,415	*	11,269	*	*
1947	641	931	353	2,695	*	1,523	332	14,004	*	11,983	*	*
1948	672	863	328	2,415	*	1,358	282	13,371	*	10,782	*	*
1949	614	802	325	2,385	*	1,275	278	13,813	*	10,883	*	*
1950	685	795	311	2,390	*	1,295	294	13,837	*	10,910	*	*
1951	766	870	356	2,602	*	1,419	305	15,320	*	12,842	*	*
1952	741	916	378	2,585	*	1,456	285	16,174	*	14,251	*	*
1953	765	835	302	2,704	*	1,530	296	16,061	*	12,502	*	*
1954	838	959	394	2,768	*	1,569	320	16,896	*	12,273	*	*
1955	790	824	344	2,674	*	1,703	308	17,175	*	12,076	*	*
1956	770	884	340	3,043	*	1,439	322	18,146	*	13,347	*	*
1957	794	888	341	2,958	*	1,427	295	18,722	*	13,768	*	*
1958	825	759	294	3,028	*	1,413	348	18,232	*	13,742	*	*
1959	841	771	284	2,773	*	1,292	286	18,415	*	13,527	*	*
1960	862	724	283	2,885	157	1,273	291	18,508	238	13,629	219	169
1961	894	786	329	2,869	118	1,277	305	18,374	287	13,648	249	169
1962	876	759	304	2,815	119	1,291	273	17,965	249	13,301	258	187
1963	897	757	306	2,867	129	1,335	278	17,734	263	13,170	264	185
1964	853	790	301	2,910	115	1,685	252	17,193	264	12,675	295	182
1965	845	740	299	2,746	114	1,690	239	15,831	233	11,420	264	192

APPENDIX A (Cont.)

BIRTHS

Year	Marshall County	Plymouth	Martin County	Miami County	Peru	Monroe County	Bloomington	Montgomery County	Crawfordsville	Morgan County	Martinsville	Newton County
1900	377	*	216	339	*	549	*	542	*	310	*	207
1901	391	*	266	400	*	227	*	583	*	261	*	235
1902	473	*	282	341	*	269	*	548	*	313	*	222
1903	496	*	207	293	*	299	*	589	*	279	*	222
1904	446	*	150	322	*	339	*	537	*	233	*	187
1905	495	*	164	280	*	392	*	566	*	280	*	255
1906	442	*	270	320	*	395	*	530	*	245	*	215
1907	460	*	186	378	*	401	*	594	*	248	*	287
1908	521	*	271	583	*	541	*	665	*	410	*	261
1909	491	*	314	561	*	516	*	618	*	408	*	235
1910	495	*	301	584	*	560	*	597	*	485	*	247
1911	492	*	368	621	*	660	*	590	*	432	*	224
1912	512	*	300	617	*	629	*	633	*	413	*	204
1913	518	*	325	545	*	622	*	577	*	451	*	211
1914	520	*	309	669	*	639	*	552	*	444	*	208
1915	590	*	324	578	*	690	*	549	*	432	*	252
1916	561	*	298	625	225	657	*	595	*	439	*	254
1917	566	*	299	621	272	611	*	526	*	442	*	234
1918	575	*	295	679	293	550	*	544	*	461	*	213
1919	514	*	247	610	268	532	*	499	*	460	*	221
1920	515	*	244	651	301	622	342	543	206	445	*	261
1921	566	*	314	655	309	730	370	548	195	488	*	221
1922	527	*	293	607	248	661	341	545	212	429	*	189
1923	508	*	317	588	280	793	413	476	185	411	*	171
1924	544	*	289	614	292	843	436	490	195	397	*	178
1925	518	*	291	563	259	850	435	468	187	392	*	151
1926	512	*	250	512	238	824	403	447	179	396	*	159
1927	528	*	239	523	273	892	439	452	205	359	*	172
1928	549	*	227	493	228	895	467	463	214	374	*	153
1929	509	*	227	419	200	895	503	414	213	364	*	167
1930	507	*	216	503	220	663	438	438	213	354	*	155
1931	506	*	217	423	203	794	386	412	213	348	*	142
1932	459	*	246	406	191	755	347	422	205	330	*	153
1933	402	*	259	340	136	685	316	416	219	352	*	143
1934	422	*	229	382	193	712	311	395	201	312	*	140
1935	462	*	256	393	194	592	254	402	252	357	*	126
1936	436	*	229	414	220	693	324	431	292	316	*	145
1937	433	*	231	409	213	667	337	436	190	348	*	160
1938	472	*	218	483	231	742	348	437	190	373	*	148
1939	434	*	245	468	250	729	357	474	224	354	*	139
1940	471	*	233	510	238	778	369	453	215	358	*	176
1941	464	*	202	482	258	738	377	412	176	384	*	212
1942	584	*	237	553	287	790	461	428	202	390	*	199
1943	564	*	223	571	289	765	402	454	219	408	*	213
1944	514	*	212	526	243	750	463	443	195	430	*	193
1945	497	*	227	512	259	714	414	428	197	407	*	167
1946	590	*	308	631	307	961	568	604	265	507	*	211
1947	693	*	280	703	377	1,114	684	666	323	528	*	202
1948	728	*	300	668	342	1,071	646	613	291	529	*	239
1949	710	*	317	660	307	1,048	586	638	295	533	*	181
1950	746	*	250	653	321	1,075	632	670	330	578	*	226
1951	798	*	295	648	336	1,196	634	635	303	598	*	197
1952	831	*	298	672	342	1,205	703	688	335	652	*	253
1953	788	*	284	681	348	1,235	753	670	333	735	*	263
1954	770	*	279	664	314	1,276	754	729	346	761	*	248
1955	734	*	290	681	336	1,242	732	749	352	700	*	237
1956	731	*	286	889	462	1,372	789	719	338	791	*	238
1957	762	*	268	877	448	1,440	789	767	396	854	*	221
1958	704	*	316	839	429	1,425	846	710	357	806	*	238
1959	704	*	317	1,016	510	1,352	844	732	355	825	*	243
1960	728	161	288	1,038	531	1,403	906	721	357	921	242	265
1961	713	178	286	1,090	559	1,426	957	767	369	938	219	255
1962	679	152	269	1,139	575	1,458	925	696	334	929	199	246
1963	651	161	278	1,063	514	1,457	866	682	319	913	196	226
1964	641	140	290	1,015	484	1,626	834	677	306	870	202	213
1965	608	117	263	966	432	1,456	909	594	277	850	209	197

APPENDIX A (Cont.)

BIRTHS

Year	Noble County	Kendallville	Ohio County	Orange County	Owen County	Parke County	Perry County	Tell City	Pike County	Porter County	Portage	Valparaiso
1900	339	*	115	222	336	200	369	*	356	215	*	*
1901	367	*	77	250	310	215	326	*	350	219	*	*
1902	341	*	65	257	254	263	343	*	330	232	*	*
1903	355	*	69	243	244	311	395	*	372	233	*	*
1904	402	*	55	226	269	240	368	*	356	268	*	*
1905	349	*	73	245	216	235	337	*	307	220	*	*
1906	335	*	69	225	232	288	345	*	413	221	*	*
1907	403	*	56	238	280	316	324	*	418	352	*	*
1908	513	*	68	364	303	492	454	*	532	392	*	*
1909	440	*	72	398	279	408	387	*	496	357	*	*
1910	460	*	67	402	259	381	419	*	490	381	*	*
1911	459	*	80	424	243	401	419	*	490	329	*	*
1912	407	*	68	441	278	412	419	*	462	382	*	*
1913	441	*	64	419	259	410	496	*	444	362	*	*
1914	487	*	66	399	266	464	442	*	444	393	*	*
1915	496	*	68	475	264	410	457	*	492	423	*	*
1916	505	*	73	412	259	404	457	*	484	440	*	*
1917	486	*	66	394	277	395	409	*	450	427	*	*
1918	511	*	74	357	264	403	416	*	470	443	*	*
1919	409	*	64	333	229	355	407	*	451	383	*	*
1920	443	*	69	395	277	341	429	*	453	466	*	*
1921	472	*	80	380	274	369	434	*	476	457	*	*
1922	432	*	68	375	274	361	389	*	424	433	*	*
1923	412	*	83	324	276	418	351	*	426	420	*	*
1924	433	*	87	378	222	376	403	*	416	404	*	*
1925	381	*	59	348	276	349	355	*	373	419	*	*
1926	425	*	72	392	231	335	377	*	371	409	*	*
1927	392	*	52	354	250	322	336	*	408	369	*	*
1928	407	*	56	336	214	292	340	*	358	379	*	*
1929	391	*	63	336	212	293	347	*	312	345	*	*
1930	371	*	49	316	195	231	351	*	301	353	*	*
1931	397	*	48	295	179	285	362	*	306	359	*	*
1932	375	*	55	329	227	261	364	*	318	323	*	*
1933	370	*	51	341	222	265	328	*	293	315	*	*
1934	368	*	46	359	212	281	353	*	334	313	*	*
1935	409	*	51	316	225	225	338	*	315	330	*	*
1936	379	*	45	299	186	255	337	*	287	296	*	*
1937	379	*	68	307	190	261	353	*	324	380	*	*
1938	415	*	75	327	217	243	367	*	313	396	*	*
1939	384	*	57	321	174	237	340	*	327	425	*	*
1940	384	*	60	301	234	284	332	*	301	484	*	*
1941	426	*	56	309	202	253	381	*	260	568	*	*
1942	447	*	76	285	203	286	335	*	306	655	*	*
1943	453	*	71	319	183	299	361	*	287	643	*	*
1944	476	*	77	288	187	268	364	*	256	530	*	*
1945	430	*	75	273	150	234	320	*	244	508	*	*
1946	553	*	85	385	182	317	343	*	321	629	*	*
1947	625	*	72	419	225	327	488	*	263	748	*	*
1948	559	*	110	355	234	314	463	*	275	706	*	*
1949	571	*	83	384	202	317	462	*	265	758	*	*
1950	551	*	71	386	205	264	488	*	243	734	*	*
1951	586	*	85	378	195	324	476	*	264	801	*	280
1952	576	*	77	386	211	324	509	*	273	877	*	296
1953	574	*	79	350	195	336	493	*	247	872	*	317
1954	649	*	101	380	228	299	462	*	286	922	*	299
1955	607	*	81	359	188	303	498	*	231	962	*	338
1956	591	*	72	382	238	321	460	*	237	1,083	*	298
1957	673	*	91	384	209	308	439	*	263	1,127	*	325
1958	638	*	91	353	205	300	425	*	202	1,197	*	328
1959	627	*	94	361	178	316	444	*	236	1,237	*	362
1960	578	142	94	368	190	288	421	161	242	1,429	55	333
1961	600	147	93	371	188	321	434	174	251	1,462	218	339
1962	606	162	119	351	193	296	411	148	233	1,488	364	305
1963	587	128	75	367	201	280	391	152	216	1,500	338	338
1964	629	148	91	369	190	245	408	136	240	1,543	359	359
1965	575	119	70	352	206	227	411	162	194	1,488	322	342

APPENDIX A (Cont.)

BIRTHS

Year	Posey County	Mt. Vernon	Pulaski County	Putnam County	Greencastle	Randolph County	Union City	Winchester	Ripley County	Rush County	Rushville	St. Joseph County
1900	495	*	81	480	*	555	*	*	331	333	*	546
1901	517	*	107	468	*	547	*	*	323	230	*	618
1902	466	*	137	448	*	538	*	*	283	305	*	907
1903	452	*	136	382	*	613	*	*	222	282	*	1,075
1904	448	*	125	409	*	589	*	*	184	288	*	923
1905	441	*	121	466	*	596	*	*	173	289	*	1,245
1906	451	*	148	407	*	600	*	*	235	292	*	1,718
1907	408	*	161	428	*	607	*	*	365	282	*	1,951
1908	490	*	235	476	*	655	*	*	390	425	*	2,237
1909	410	*	199	400	*	635	*	*	433	323	*	2,127
1910	431	*	173	417	*	620	*	*	381	362	*	2,283
1911	478	*	194	424	*	582	*	*	391	402	*	2,178
1912	476	*	208	398	*	573	*	*	368	385	*	2,372
1913	450	*	229	393	*	599	*	*	358	377	*	2,323
1914	433	*	278	407	*	575	*	*	341	393	*	2,575
1915	463	*	299	397	*	593	*	*	381	374	*	2,451
1916	408	*	287	405	*	560	*	*	357	423	*	2,556
1917	445	*	297	362	*	558	*	*	335	352	*	2,525
1918	412	*	283	403	*	595	*	*	372	434	*	2,615
1919	380	*	288	344	*	504	*	*	318	338	*	2,306
1920	433	*	272	407	*	572	*	*	336	360	*	2,583
1921	458	*	297	421	*	597	*	*	403	429	*	2,889
1922	401	*	250	401	*	547	*	*	369	377	*	2,829
1923	411	*	252	370	*	532	*	*	417	414	*	3,216
1924	366	*	261	355	*	504	*	*	371	357	*	3,663
1925	366	*	232	358	*	478	*	*	339	330	*	3,521
1926	346	*	240	275	*	434	*	*	354	332	*	3,426
1927	388	*	227	294	*	493	*	*	322	333	*	3,405
1928	316	*	232	312	*	460	*	*	350	337	*	3,250
1929	318	*	211	293	*	420	*	*	299	297	*	3,274
1930	310	*	214	329	*	404	*	*	323	323	*	3,207
1931	307	*	210	315	*	439	*	*	294	303	*	2,831
1932	291	*	230	322	*	383	*	*	313	270	*	2,593
1933	294	*	234	292	*	390	*	*	347	284	*	2,421
1934	293	*	219	295	*	367	*	*	361	284	*	2,407
1935	276	*	180	305	*	366	*	*	357	238	*	2,558
1936	279	*	244	274	*	400	*	*	353	284	*	2,547
1937	321	*	236	300	*	442	*	*	368	304	*	2,578
1938	323	*	218	321	*	447	*	*	452	277	*	2,593
1939	280	*	243	285	*	469	*	*	362	303	*	2,557
1940	322	*	263	309	*	521	*	*	319	318	*	2,696
1941	393	*	261	321	*	480	*	*	325	300	*	3,192
1942	353	*	253	315	*	513	*	*	351	344	*	3,798
1943	396	*	290	347	*	514	*	*	383	332	*	3,780
1944	377	*	264	304	*	495	*	*	362	376	*	3,461
1945	345	*	216	299	*	473	*	*	349	331	*	3,369
1946	403	*	270	402	*	541	*	*	452	432	*	4,274
1947	480	*	318	414	*	619	*	*	463	483	*	5,006
1948	441	*	291	432	*	580	*	*	414	450	*	4,902
1949	452	*	286	399	*	608	*	*	470	443	*	5,121
1950	420	*	305	390	*	542	*	*	426	403	*	5,469
1951	472	*	308	421	*	601	*	*	475	437	*	5,935
1952	462	*	316	441	*	625	*	*	460	441	*	6,171
1953	450	*	320	447	*	624	*	*	426	452	*	6,247
1954	475	*	334	457	*	682	*	*	488	467	*	5,944
1955	459	*	321	446	*	643	*	*	452	472	*	5,763
1956	443	*	311	480	*	622	*	*	462	440	*	5,670
1957	464	*	303	466	*	636	*	*	468	491	*	5,716
1958	458	*	310	550	*	550	*	*	441	451	*	5,469
1959	452	*	337	500	*	581	*	*	437	444	*	5,370
1960	411	141	291	444	168	504	86	129	420	447	159	5,334
1961	413	136	278	441	160	602	67	137	443	444	169	5,355
1962	405	125	264	437	180	574	77	116	460	422	155	4,851
1963	390	130	262	407	173	563	71	116	420	383	127	4,756
1964	381	117	272	453	150	596	76	98	429	409	147	4,589
1965	359	132	254	374	144	533	70	104	439	363	130	4,211

APPENDIX A (Cont.)

BIRTHS

Year	Michawaka	South Bend	Scott County	Shelby County	Shelbyville	Spencer County	Starke County	Steuben County	Sullivan County	Switzerland County	Tippecanoe County	Lafayette
1900	*	*	147	382	*	256	150	237	357	170	402	*
1901	*	*	153	458	*	232	198	118	348	199	360	*
1902	*	*	147	514	*	230	177	156	421	170	422	*
1903	*	*	154	442	*	367	144	162	330	153	405	*
1904	*	*	136	376	*	293	169	137	340	164	435	*
1905	*	*	157	392	*	255	204	137	308	165	455	*
1906	*	*	173	347	*	229	140	146	433	145	488	*
1907	*	*	173	309	*	368	208	155	620	194	549	*
1908	*	*	229	533	*	319	203	228	842	208	656	*
1909	*	*	229	468	*	512	231	210	910	198	629	*
1910	*	*	199	509	*	427	200	202	656	195	640	*
1911	*	*	201	485	*	441	267	255	935	216	595	*
1912	*	*	196	566	*	444	239	229	946	187	750	*
1913	*	*	172	492	*	402	258	222	924	192	759	*
1914	*	*	159	557	*	385	260	254	881	193	738	*
1915	*	*	182	521	*	472	262	240	861	197	831	*
1916	337	1,785	183	487	*	361	278	244	827	217	825	402
1917	343	1,799	154	489	*	449	242	258	762	200	841	480
1918	345	1,885	151	513	*	387	237	239	797	179	919	544
1919	320	1,641	143	496	*	372	200	258	773	197	851	551
1920	412	1,806	158	511	*	395	242	236	814	190	888	581
1921	482	1,998	156	530	*	435	256	255	870	195	984	652
1922	527	1,891	151	531	*	393	224	263	830	155	1,004	657
1923	622	2,164	155	526	*	398	233	227	855	190	938	720
1924	753	2,428	151	514	*	415	200	215	830	159	963	686
1925	753	2,340	134	553	*	339	216	211	737	158	909	681
1926	765	2,210	122	490	*	372	191	189	719	136	933	667
1927	782	2,139	121	494	*	321	217	217	669	160	941	711
1928	796	2,042	111	538	*	318	186	206	607	143	948	714
1929	811	2,052	103	464	*	309	148	211	512	141	895	711
1930	742	2,013	97	470	195	312	177	190	496	159	947	779
1931	648	1,738	102	406	153	340	177	208	477	146	893	718
1932	606	1,514	129	385	154	326	148	225	460	162	871	680
1933	563	1,460	148	354	150	271	169	207	461	136	792	643
1934	591	1,496	148	355	168	314	178	242	473	138	863	712
1935	607	1,581	173	388	174	281	171	240	468	122	881	757
1936	678	1,521	158	406	187	292	148	227	483	120	937	816
1937	533	1,581	184	415	197	276	172	220	458	142	895	537
1938	525	1,545	209	420	187	290	189	264	447	126	1,106	610
1939	508	1,533	180	423	191	274	177	266	439	129	1,098	569
1940	544	1,614	159	463	204	298	249	251	428	136	956	609
1941	635	1,851	245	405	180	299	238	208	414	138	978	601
1942	701	2,310	288	450	216	278	337	230	436	133	1,205	771
1943	685	2,252	231	472	237	322	325	210	435	113	1,229	733
1944	617	2,097	276	464	232	299	324	251	417	105	1,157	667
1945	513	2,210	247	472	214	274	305	216	390	106	1,114	664
1946	771	2,683	310	618	288	335	325	318	516	164	1,484	904
1947	884	3,206	347	670	319	346	340	429	478	132	1,798	953
1948	815	3,101	314	590	286	367	329	386	454	165	1,861	985
1949	936	3,135	313	584	254	351	348	401	445	141	1,862	968
1950	939	3,463	293	580	251	314	348	368	442	131	1,734	908
1951	999	3,720	327	680	285	356	387	406	459	152	1,804	917
1952	996	3,825	322	746	317	304	448	359	477	133	1,797	959
1953	1,004	3,990	390	656	291	421	464	403	418	132	1,817	959
1954	937	3,856	393	710	320	391	488	434	479	148	1,921	1,057
1955	901	3,717	423	786	348	343	497	468	381	134	2,070	1,075
1956	805	3,493	416	796	346	358	464	505	384	139	2,139	1,139
1957	846	3,356	428	839	365	333	483	486	359	139	2,250	1,152
1958	822	3,218	395	818	353	383	437	476	350	137	2,261	1,130
1959	756	3,142	410	781	334	348	468	436	335	137	2,284	1,187
1960	750	3,394	402	797	358	318	450	436	358	139	2,280	1,171
1961	820	3,444	461	816	378	330	413	408	396	130	2,258	1,194
1962	709	3,051	416	790	354	304	419	396	310	125	2,216	1,119
1963	697	3,110	409	743	335	267	418	384	353	112	2,329	1,165
1964	708	2,770	445	761	348	268	399	361	334	119	2,278	1,150
1965	694	2,405	399	698	308	246	357	347	302	94	2,065	1,028

APPENDIX A (Cont.)

BIRTHS

Year	West Lafayette	Tipton County	Tipton	Union County	Vanderburgh County	Evansville	Vermillion County	Clinton	Vigo County	Terre Haute	Wabash County	Wabash
1900	•	380	•	99	2,319	•	231	•	946	•	272	•
1901	•	362	•	42	1,203	•	305	•	952	•	374	•
1902	•	327	•	101	2,158	•	317	•	1,169	•	268	•
1903	•	421	•	127	1,246	•	357	•	1,163	•	562	•
1904	•	367	•	101	1,246	•	396	•	1,229	•	431	•
1905	•	382	•	99	2,009	•	378	•	1,097	•	489	•
1906	•	346	•	100	1,422	•	347	•	1,395	•	448	•
1907	•	409	•	106	1,470	•	356	•	1,474	•	434	•
1908	•	421	•	126	1,561	•	480	•	1,617	•	466	•
1909	•	393	•	109	1,449	•	421	•	1,564	•	506	•
1910	•	456	•	113	1,530	•	490	•	1,756	•	496	•
1911	•	384	•	129	1,499	•	499	•	1,755	•	481	•
1912	•	436	•	110	1,572	•	443	•	1,604	•	556	•
1913	•	367	•	117	1,546	•	494	•	1,737	•	513	•
1914	•	323	•	116	1,728	•	541	•	1,717	•	571	•
1915	•	394	•	111	1,748	•	563	•	1,842	•	553	•
1916	•	350	•	117	1,726	1,418	610	•	2,002	1,247	552	•
1917	•	372	•	123	1,826	1,509	630	•	2,034	1,214	501	•
1918	•	338	•	110	1,740	1,426	694	•	2.055	1,248	594	•
1919	•	344	•	107	1,597	1,380	624	•	1,979	1,216	483	•
1920	•	350	•	124	1,740	1,458	609	291	2,213	1,397	539	•
1921	•	370	•	124	2,088	1,755	634	238	2,383	1,500	565	•
1922	•	343	•	104	1,846	1,560	649	272	2,166	1,376	514	•
1923	•	286	•	99	2,100	1,749	628	230	2,311	1,486	547	•
1924	•	333	•	106	2,152	1,795	590	221	2,348	1,476	487	•
1925	•	309	•	97	1,993	1,640	520	189	2,072	1,272	541	•
1926	•	303	•	88	2,053	1,675	509	154	1,832	1,133	481	•
1927	•	278	•	105	2,131	1,765	437	124	1,866	1,164	458	•
1928	•	270	•	68	2,071	1,693	378	105	1,709	1,062	467	•
1929	•	281	•	78	2,086	1,696	341	98	1,615	1,029	373	•
1930	•	255	•	95	2,128	1,770	387	•	1,554	1,015	431	•
1931	•	248	•	67	1,942	1,572	357	•	1,442	901	385	•
1932	•	253	•	80	1,815	1,433	379	•	1,397	930	407	•
1933	•	240	•	78	1,762	1,416	311	•	1,342	842	359	•
1934	•	245	•	83	1,883	1,560	298	•	1,418	954	471	•
1935	•	228	•	74	1,900	1,574	302	•	1,479	1,021	380	•
1936	•	267	•	50	2,040	1,696	381	•	1,484	1,077	397	•
1937	•	270	•	72	2,173	1,697	365	•	1,519.	1,013	393	•
1938	•	281	•	65	2,375	1,843	371	•	1,540	1,007	433	•
1939	•	266	•	69	2,349	1,764	380	•	1,573	1,028	435	•
1940	•	302	•	94	2,350	1,805	369	•	1,612	1,072	403	•
1941	•	277	•	91	2,563	2,039	321	•	1,636	1,090	508	•
1942	•	312	•	97	2,814	2,345	352	•	1,789	1,286	519	•
1943	•	323	•	117	3,090	2,576	388	•	1,814	1,303	493	•
1944	•	287	•	78	3,172	2,660	377	•	1,711	1,260	529	•
1945	•	321	•	66	2,990	2,484	316	•	1,707	1,255	456	•
1946	•	339	•	116	3,502	2,986	373	•	2,276	1,678	617	•
1947	•	384	•	125	3,893	3,283	446	•	2,440	1,797	704	•
1948	•	337	•	123	3,972	3,279	377	•	2,244	1,612	643	•
1949	•	366	•	124	3,661	3,187	377	•	2,264	1,656	664	•
1950	•	366	•	135	4,058	2,759	363	•	2,160	1,590	611	•
1951	420	379	•	133	4,091	3,279	395	•	2,325	1,691	693	273
1952	389	375	•	119	4,272	3,598	402	•	2,313	1,641	671	252
1953	401	359	•	137	4,402	3,575	381	•	2,332	1,707	622	274
1954	398	349	•	132	4,486	3,729	365	•	2,419	1,763	651	267
1955	451	398	•	114	4,253	3,167	359	•	2,347	1,747	705	300
1956	347	340	•	149	4,231	3,030	371	•	2,395	1,723	741	322
1957	358	379	•	131	4,215	2,978	354	•	2,377	1,722	711	338
1958	430	317	•	134	4,102	2,873	332	•	2,303	1,702	731	311
1959	469	337	•	119	3,955	2,776	313	•	2,297	1,693	731	311
1960	507	327	123	129	3,782	2,995	332	101	2,276	1,668	766	331
1961	486	317	127	136	3,580	2,835	306	98	2,196	1,594	764	358
1962	519	284	101	133	3,456	2,849	324	87	2,150	1,548	749	327
1963	533	303	115	158	3,363	2,861	280	86	2,167	1,579	697	316
1964	538	343	142	122	3,293	2,849	266	90	2,061	1,542	746	343
1965	449	286	93	96	3,013	2,690	249	78	1,964	1,431	684	312

APPENDIX A (Cont.)

RENTAL

Year	Warren County	Warrick County	Washington County	Wayne County	Richmond	Wells County	Bluffton	White County	Whitley County	Unknown
1900	170	342	213	604	•	373	•	428	209	•
1901	140	422	254	643	•	411	•	405	242	•
1902	132	289	243	636	•	400	•	468	263	•
1903	168	175	292	665	•	375	•	447	346	•
1904	129	280	249	736	•	409	•	417	256	•
1905	174	298	234	735	•	354	•	424	182	•
1906	160	416	218	731	•	424	•	431	105	•
1907	205	399	219	708	•	483	•	324	280	•
1908	253	484	375	763	•	550	•	360	318	•
1909	218	461	361	821	•	497	•	333	287	•
1910	257	447	333	793	•	482	•	395	294	•
1911	241	443	400	866	•	442	•	390	298	•
1912	231	428	379	893	•	450	•	402	296	•
1913	257	464	364	888	•	443	•	398	338	•
1914	246	439	368	932	•	431	•	406	337	•
1915	235	459	371	909	•	482	•	395	331	•
1916	227	400	378	938	459	455	•	431	378	•
1917	251	431	352	908	422	442	•	414	351	•
1918	236	450	372	869	422	482	•	360	354	•
1919	218	444	331	849	393	443	•	332	285	•
1920	196	420	348	938	432	459	•	411	316	•
1921	239	485	376	961	456	484	•	377	339	•
1922	220	414	294	884	398	446	•	369	315	•
1923	191	443	315	907	426	413	•	382	314	•
1924	206	441	361	1,015	470	454	•	349	297	•
1925	184	401	342	953	445	430	•	380	275	•
1926	170	334	304	1,014	469	397	•	311	266	•
1927	143	371	329	974	492	358	•	296	261	•
1928	139	352	276	1,032	453	345	•	283	236	•
1929	140	326	287	952	415	310	•	238	252	•
1930	143	295	300	919	379	313	•	246	220	•
1931	126	312	282	896	375	286	•	260	260	•
1932	120	286	279	798	315	301	•	245	295	•
1933	135	289	291	776	342	296	•	233	259	•
1934	123	247	259	816	357	270	•	231	234	•
1935	140	266	276	883	332	259	•	239	239	•
1936	118	271	276	872	291	311	•	244	201	•
1937	131	297	282	920	570	294	•	249	227	•
1938	144	322	295	986	607	313	•	212	228	•
1939	122	322	290	944	554	305	•	221	224	•
1940	157	348	302	1,099	681	330	•	334	298	•
1941	133	376	338	1,174	746	338	•	286	279	•
1942	147	350	332	1,242	825	362	•	296	314	•
1943	162	368	337	1,303	824	331	•	306	352	•
1944	155	355	309	1,225	772	356	•	295	356	•
1945	166	356	305	1,154	733	337	•	280	304	•
1946	176	426	352	1,438	978	420	•	376	423	•
1947	175	485	430	1,699	1,081	462	•	428	441	•
1948	187	490	407	1,643	1,080	455	•	447	403	•
1949	159	448	398	1,648	1,056	451	•	405	445	•
1950	164	476	332	1,632	1,000	444	•	434	431	•
1951	174	532	411	1,793	1,220	460	•	444	460	•
1952	158	526	388	1,870	1,083	455	•	448	505	•
1953	168	551	398	1,760	1,163	433	•	427	508	•
1954	169	589	436	1,809	1,217	501	•	446	517	•
1955	180	552	399	1,804	1,151	460	•	441	479	•
1956	174	534	405	1,723	1,071	498	•	434	522	•
1957	170	531	411	1,643	1,060	460	•	451	509	•
1958	174	561	368	1,630	987	446	•	447	470	•
1959	161	556	382	1,665	1,079	459	•	436	522	•
1960	184	505	360	1,739	1,121	451	157	468	462	•
1961	174	508	388	1,669	1,079	477	159	401	441	3
1962	152	439	361	1,608	1,054	439	138	385	408	•
1963	159	473	362	1,657	1,110	438	140	369	414	4
1964	149	500	359	1,707	1,111	468	146	383	392	5
1965	133	432	367	1,554	1,045	412	153	342	347	4

APPENDIX B

MATHEMATICAL TECHNIQUES AND EQUATIONS

Model UPM assumes a linear relationship between time and the proportion of the college-age population in college. The equation is:

$P = a + bt$

Where P = percentage of college-group in college
t = year minus 1900
a,b = constants

In order to compute future enrollments, u, each percentage, p, must be multiplied by the appropriate college-age population. The constants, a and b, must be determined from the base period data. The statistical technique of least squares was used to calculate a and b. This technique minimizes the squares of the deviations of the actual data points from the line and causes the sum of the deviations of the data points from the line to equal zero. This technique gives the best possible straight line for the particular data used.

For UPM-1 the equation is:

$P_{UPM-1} = 1.0118207t - 27.485263$

$U_{UPM-1} = P$ (appropriate 18-21-year-old group)

Where P_{UPM-1} = percentage of 18-21-year-olds
U_{UPM-1} = number of total undergraduates

For UPM-2 the equation is:

$P_{UPM-2} = .0774299t - 19.818116$

$U_{UPM-2} = P$ (appropriate 18-year-old group)

Where P_{UPM-2} = percentage of 18-year-olds
U_{UPM-2} = number of freshmen

The male and female percentages are assumed to follow a linear relationship. The relationship for women was computed using the least squares technique. The percentage of men was obtained by subtraction of the female percentage from 100. The equation is:

$X = a + bt$

Where X = percentage of women
t = year minus 1900
a,b = constants

Based on the period from 1950 to 1967, the equation becomes:

$X = .410848\,t + 11.947396$

then $W = X\ (^{T}UPM\text{-}1)$

Where W = number of women
$^{T}UPM\text{-}1$ = total undergraduates estimated from UPM-1

The graduate student estimates based on the percentage of freshmen for the same year plus seniors for the preceding year are obtained from the following equation:

$Z = a + bt$

Where Z = graduate students as percentage of freshmen and seniors
t = year minus 1900
a,b = constants

For the period used this results in the equation:

$Z = .92952462t - 19.605788$

then $g = z\ (^{fs}UPM\text{-}1)$

Where g = number of graduate students
fs UPM-1 = number of freshmen and seniors from UPM-1

APPENDIX C

INDIANA COLLEGES AND UNIVERSITIES
BY SIZE OF UNDERGRADUATE ENROLLMENT
FOR SEPTEMBER, 1967

Enrollment of 500 or Less

Ancilla Domini
Bethel College
Christian Theological Seminary
Frankfort Pilgrim College
John Herron School of Art
Huntington College
St. Benedict College
St. Meinrad College

Enrollment of 501 to 750

Concordia Senior College
Fort Wayne Bible College
Franklin College
Grace College
Marion College
Oakland City College
St. Mary-of-the-Woods College

Enrollment of 751 to 1500

Goshen College
Hanover College
Indiana Institute of Technology
Manchester College
Marian College
Rose Polytechnic Institute
St. Mary's College
Taylor University
Wabash College

Enrollment of 1501 to 5000

Anderson College
Butler University
DePauw University
Earlham College
Indiana Central College
St. Francis College
St. Joseph's College
Tri-State College
Valparaiso University
Vincennes University

Enrollment Over 5000

Ball State University
Indiana State University
Indiana University
Purdue University
University of Evansville
University of Notre Dame